

SEQUENCE LISTING A

<110> CANON KABUSHIKI KAISHA

<120> Probe set and method for identifying HLA allele

<130> g10003828A

<150> JP2003-430553

<151> 2003-12-25

<160> 637

<170> PatentIn version 3.2

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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catcg	ccctg	aa	ag	gg	gg	gg	gg	480
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gtgcgtggag	tgg	cc	at	cg	gg	gg	gg	600
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<213> Homo sapiens

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<211> 822

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<213> Homo sapiens

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<210> 19
 <211> 897
 <212> DNA
 <213> Homo sapiens

<400> 19
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<210> 20
 <211> 897
 <212> DNA
 <213> Homo sapiens

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<210> 21
<211> 897
<212> DNA
<213> Homo sapiens

<400> 21		
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cgcggggagc cccgcttcat cgcagtgggc tacgtggacg acacgcagtt	cgtgcgggttc	180
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gacctggggaa ccctgcgcgg ctactacaac cagagecgagg ccggttctca	caccctccag	360
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gcctacgcacg gcaaggatta catgcctcg aaagaggacc tgcgccttg	gaccgcggcg	480
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tggcagcggg atggggagga ccagacccag gacacggagc tcgtggagac	caggcctgca	780
ggggatggaa cttccagaa gtggcggct gtgggttgc cttctggaca	ggagcagaga	840
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<210> 22
<211> 897
<212> DNA
<213> Homo sapiens

<400> 22		
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cgcggggagc cccgcttcat cgcagtgggc tacgtggacg acacgcagtt	cgtgcgggttc	180
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tggcagcggg atggggagga ccagacccag gacacggagc tcgtggagac	caggcctgca	780
ggggatggaa cttccagaa gtggcggct gtgggttgc cttctggaca	ggagcagaga	840
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<210> 23
<211> 897
<212> DNA
<213> Homo sapiens

<400> 23

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 cgcggggagc cccgttcat cgcaatggc tacgtggac acacgcgtt cgtcggttc 180
 gacagcgcac ccgcgagcca gaggatggag cgcggcgc cgtggataga gcaggaggt 240
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 gacactgggaa ccctgcgcgg ctactacaac cagagcggagg cgggttctca caccgtccag 360
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 gcctacgacg gcaaggatta catcgccctg aaagaggacc tgcgtcttg gaccgcggc 480
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 tggcagcggg atggggagga ccagacccag gacacggac tcgtggagac caggectgca 780
 gggatggaa cttccagaa gtggcggcgt gtgggtgtc cttctggaca ggagcagaga 840
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<210> 24

<211> 550

<212> DNA

<213> Homo sapiens

<400> 24

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 gacgcgcga gcccgggat ggagccgcgg gcgcgttga tagacggagg gggccggag 180
 tattggacg gggagacacg gaatgtgaag gccactcac agactcacgg agtggacactg 240
 gggaccctgc gcgctacta caaccagacg gaggccgtt ctcacaccct ccagaggatg 300
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 gacggcaagg attacatgc cctgaaagag gacctgcgt ctggaccacgc ggcggacatg 420
 gcagctcaga ccaccaagca caagtggag gcccggatg tggcggagca gtggagagcc 480
 tacctggagg gcacgtgcgt ggactggcgc cgcagatacc tggagaacgg gaaggagacg 540
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<210> 25

<211> 897

<212> DNA

<213> Homo sapiens

<400> 25

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 cgcggggagc cccgttcat cgcaatggc tacgtggac acacgcgtt cgtcggttc 180
 gacagcgcac ccgcgagcca gaggatggag cgcggcgc cgtggataga gcaggaggt 240
 ccggagtatt gggacgggaa gacacggaaa gtgaaggccc actcacagac tcaccgagt 300
 gacactgggaa ccctgcgcgg ctactacaac cagagcggagg cgggttctca caccgtccag 360
 agatgtatg gctgcgtacgt ggggtcgac tggcgcttcc tccggggta ccaccgtac 420
 gcctacgacg gcaaggatta catcgccctg aaagaggacc tgcgtcttg gaccgcggc 480
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 agagcttacc tggaggcgcac tgccgtggag tggctccca gatactggaa gaacgggaag 600
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 catgaagcca ccctgagggt ctggccctg agcttctacc ctgcggagat cacactgacc 720
 tggcagcggg atggggagga ccagacccag gacacggac tcgtggagac caggectgaa 780
 gggatggaa cttccagaa gtggcggcgt gtgggtgtc cttctggaca ggagcagaga 840
 tacacctgcc atgtcagca tgagggttg cccaaagcccc tcaccctgag atggag 897

<210> 26

<211> 897

<212> DNA

<213> Homo sapiens

<400> 26

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cgcgggg	gagc cccgttcat	cg	cagtgggc	ta	cgtgg	acac	gcgtt	180	
gac	cgacg cccg	gac	gaggatgg	cc	cgccc	gc	cgtggataga	240	
ccgg	gatatt ggac	ggg	gacacggaaa	gt	gaagg	cc	actcac	300	
gac	ctggg	cca	ctactacaac	ca	gagc	gagg	cc	tcacc	360
aggat	tttgc	gct	gacgt	ggg	tcgg	gg	cc	acc	420
gc	ctac	gac	gcaagg	at	tcg	cttgc	gacc	480	
gac	atggc	gac	ctcagacc	ca	gg	ggc	gg	gg	540
ag	gcttac	cc	tgagg	gg	ac	gtgg	gg	ca	600
gag	acgtgc	ag	gcac	gg	cc	catat	gc	t	660
cat	gaagcc	cc	cttgc	gg	at	tc	cc	tgac	720
tggc	agcggg	at	gggg	gag	cc	agac	gg	ac	780
gggg	atgg	aa	cttcc	ca	gtgg	gg	gt	gg	840
tacac	ctgc	at	gtgc	agc	ta	ggg	tttgc	ccca	897

<210> 27

<211> 897

<212> DNA

<213> Homo sapiens

<400> 27

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cagac	cttggg cggg	ctca	ctccatgagg	tatttctaca	c	cgtgc	ccgg	120	
cgcgggg	gagc cccgttcat	cg	cagtgggc	ta	cgtgg	acac	gcgtt	180	
gac	cgacg cccg	gac	gaggatgg	cc	cgccc	gc	cgtggataga	240	
ccgg	gatatt ggac	ggg	gacacggaaa	gt	gaagg	cc	actcac	300	
gac	ctggg	cca	ctactacaac	ca	gagc	gagg	cc	tcacc	360
aggat	tttgc	gct	gacgt	ggg	tcgg	gg	cc	acc	420
gc	ctac	gac	gcaagg	at	tcg	cttgc	gacc	480	
gac	atggc	gac	ctcagacc	ca	gg	ggc	gg	gg	540
ag	gcttac	cc	tgagg	gg	ac	gtgg	gg	ca	600
gag	acgtgc	ag	gcac	gg	cc	catat	gc	t	660
cat	gaagcc	cc	cttgc	gg	at	tc	cc	tgac	720
tggc	agcggg	at	gggg	gag	cc	agac	gg	ac	780
gggg	atgg	aa	cttcc	ca	gtgg	gg	gt	gg	840
tacac	ctgc	at	gtgc	agc	ta	ggg	tttgc	ccca	897

<210> 28

<211> 897

<212> DNA

<213> Homo sapiens

<400> 28

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cgcgggg	gagc cccgttcat	cg	cagtgggc	ta	cgtgg	acac	gcgtt	180	
gac	cgacg cccg	gac	gaggatgg	cc	cgccc	gc	cgtggataga	240	
ccgg	gatatt ggac	ggg	gacacggaaa	gt	gaagg	cc	actcac	300	
gac	ctggg	cca	ctactacaac	ca	gagc	gagg	cc	tcacc	360
aggat	tttgc	gct	gacgt	ggg	tcgg	gg	cc	acc	420
gc	ctac	gac	gcaagg	at	tcg	cttgc	gacc	480	
gac	atggc	gac	ctcagacc	ca	gg	ggc	gg	gg	540
ag	gcttac	cc	tgagg	gg	ac	gtgg	gg	ca	600
gag	acgtgc	ag	gcac	gg	cc	catat	gc	t	660

catgaagcca ccctgagggtg ctgggccctg agcttctacc ctgcggagat cacactgacc	720
tggcagcggg atggggagga ccagacccag gacacggagc tcgtggagac caggcctgca	780
ggggatggaa cttccagaa gtggcggtc gtgtgggtc cttctggaca ggagcagaga	840
tacacctgccc atgtcagca tgagggttg ccaagcccc tcaccctgag atgggag	897

<210> 29
<211> 897
<212> DNA
<213> Homo sapiens

<400> 29	
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cgcggggagc cccgctcat cgcaagtggc tacgtggacg acacgcagtt cgtgcgggttc	180
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ggggatggaa cttccagaa gtggcggtc gtgtgggtc cttctggaca ggagcagaga	840
tacacctgccc atgtcagca tgagggttg ccaagcccc tcaccctgag atgggag	897

<210> 30
<211> 892
<212> DNA
<213> Homo sapiens

<400> 30	
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ggagcccccgc ttcatcgac tgggtacgt ggacgcacacg cagttcggtc gttcgacag	180
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gtattgggac gggagacac ggaaagtgtaa ggcccactca cagactcacc gagtggac	300
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gccccatgggg gaggaccaga cccaggacac ggacgcgtg gagaccaggc ctgcaggggg	780
tggacccctc cagaagtggg cggctgtggt ggtgccttc ggacaggagc agagatacac	840
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<210> 31
<211> 897
<212> DNA
<213> Homo sapiens

<400> 31	
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cgcggggagc cccgctcat cgcaagtggc tacgtggacg acacgcagtt cgtgcgggttc	180

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ggggatggaa cttccagaa tggggcggct tgggtggac ttctggaca ggacgagaga	840
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<210> 32

<211> 897

<212> DNA

<213> Homo sapiens

<400> 32

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cgcggggggc cccgttcat cgcaatgggc tacgtggacg acacgcgtt cgtcggttc	180
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gacctgggg ccctgcggg ctactacaac cagagcgagg ccgttctca caccctccag	360
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gagacgtgc aggcacgga ccccccaaa acgcatatga ctcaccacgc tgtcttgac	660
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tggcagcggg atggggagga ccagacccag gacacggac tcgtggagac caggcctgca	780
ggggatggaa cttccagaa tggggcggct tgggtggac ttctggaca ggacgagaga	840
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<210> 33

<211> 781

<212> DNA

<213> Homo sapiens

<400> 33

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cgcggggggc cccgttcat cgcaatgggc tacgtggacg acacgcgtt cgtcggttc	180
gacagcgacg ccgcgagcca gaggatggag ccgcggcgc cgtggataga gcaggagggt	240
ccggagtatt gggacgggaa gacacggaaa gtgaaggccc actcacagac tcaccgagtg	300
gacctgggg ccctgcggg ctactacaac cagagcgagg ccgttctca caccctccag	360
atgtatgg tgcgcacgt ggggtcgac tggcgttcc tccggggta ccaccgtac	420
gcctacgacg gcaaggatta catgcctg aaagaggacc tgccgttgc gaccggcgg	480
gacatggcag cttagaccac caagcacaag tggaggcgg cccatgtggc ggacgagtg	540
agagcttacc tggaggcga tggcgtggag tggctccca gatacctgga gaacgggaag	600
gagacgtgc aggcacgga ccccccaaa acgcatatga ctcaccacgc tgtcttgac	660
catgaagcca ccctgagggtg ctggccctg agtttacc ctgcccggat cacactgacc	720
tggcagcggg atggggagga ccagacccag gacacggac tcgtggagac caggcctgca	780
g	781

<210> 34

<211> 897
 <212> DNA
 <213> Homo sapiens

<400> 34

atggccgtca tggcgccccg aacctcgtc ctgctactct cggggctct ggcctgacc	60
cagacctggg cggctctca ctccatgagg tatttctca catccgtgtc cggcccccgc	120
cgcggggagc cccgttcat cgcaagtgggc tacgtggacg acacgcgtt cgtcggttc	180
gacagcgacg ccggagcca gaggatggag ccgcgggcgc cgtggataga gcaggaggt	240
ccggagtatt gggacgggaa gacacggaaa gtgaaggccc actcacagac tcaccgagtg	300
gacctgggaa ccctgcgcgg ctactacaac cagagcgagg cgggtctca caccgtccag	360
aggatgtgt gctgcacgt ggggtggac tggcgttcc tccggggta ccaccgtac	420
gcctacgacg gcaaggatta catcgccctg aaagaggacc tgccgttgc gaccggcg	480
gacaaggcg ctcagaccac caagcacaag tgggaggcg cccatgtggc ggagcagtt	540
agagcttacc tggagggcac gtgcgtggag tggctccca gatactggaa gaacgggaag	600
gagacgtgc aggcacgga cgcggccaa acgcataatga ctcaccacgc tgcgttgc	660
catgaagcca ccctgagggt ctggccctg agcttacc ctgcggagat cacactgacc	720
tggcagcggtt atggggagga ccagaccag gacacggac tcgtggagac cagcgttgc	780
ggggatggaa cttccagaa gtggcggt gtgggtgtc cttctggaca ggacggagaga	840
tacacccgttcc atgtcagca tgagggtttt cccaaaggcccc tcaccctgag atgggg	897

<210> 35
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 35

gtctcaactc catgaggat ttcttcacat ccgtgtcccg gcccggccgc ggggagccccc	60
gtttcatcgc agtgggttac gtggacgaca cgcgttctgt ggggttcgc agcgacgcgg	120
cgagccagag gatggagccg cggggccgtt ggatagagca ggagggtccg gagtattggg	180
acggggagac acggaaatgt aaggccact cacagactca ccgagtgac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac cgtccagagg atgtatggct	300
gcgacgtggg gtggactgg cgttccctcc ggggttacca ccagtacgccc tacgacggca	360
aggattacat cgcctgaaa gaggacctgc gctcttgac cgcggggac atggcggctc	420
agatcaccaa gcgcaagtgg gaggcgccccc atgtggcgga gcagcagaga gcctacctgg	480
agggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 36
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 36

gtctcaactc catgaggat ttcttcacat ccgtgtcccg gcccggccgc ggggagccccc	60
gtttcatcgc agtgggttac gtggacgaca cgcgttctgt ggggttcgc agcgacgcgg	120
cgagccagag gatggagccg cggggccgtt ggatagagca ggagggtccg gagtattggg	180
acggggagac acggaaatgt aaggccact cacagactca ccgagtgac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac cgtccagagg atgtatggct	300
gcgacgtggg gtggactgg cgttccctcc ggggttacca ccagtacgccc tacgacggca	360
aggattacat cgcctgaaa gaggacctgc gctcttgac cgcggggac atggcagctc	420
agaccaccaa gcgcaagtgg gaggcgccccc atgtggcgga gcagttgaga gcctacctgg	480
agggcacgtg cgtggagttgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 37
 <211> 546

<212> DNA

<213> Homo sapiens

<400> 37

gcttcactc catgaggtat ttctcacat ccgtgtcccg gcccggccgc ggggagcccc	60
gcttcatcg agtgggctac gtggacgaca cgcagtctgt cggttcgac aegacgccc	120
cgagccagag gatggagccg cggccgcgt ggatagagca ggagggtccg gagtattggg	180
acggggagac acggaacgtg aaggcccact cacagactca ccgagtggac ctggggacc	240
tgcgcccata ctacaaccag agcgaggccg gttctcacac cgtccagagg atgtatggct	300
gcgacgtggg gtccgactgg cgcttcctcc gcgggtacca ccagtacgcc tacgacggca	360
aggattacat cgccctgaaa gaggacctgc gctctggac cgcggccgac atggcagctc	420
agaccaccaa gcacaagtgg gaggeggccg atgtggcggaa gcagttgaga gcctactgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cggaaaggag acgctgcagc	540
gcacgg	546

<210> 38

<211> 897

<212> DNA

<213> Homo sapiens

<400> 38

atggccgtca tggcccccgg aaccctcgtc ctgtactct cgggggtctt gcccgtacc	60
cagacctggg cgggtctca ctccatgagg tatttctaca cctccgtgtc cggccggc	120
cgcggggagc cccgttcat cgcagtgggc tacgtggaca acacgcgtt cgtcggttc	180
gacagcgacg cgcgcggcca gaggatggag cgcggccgc cgtggataga gcaggagggt	240
ccggagtatt gggacggggaa gacacggaaa gtgaaggccc actcacagac tcaccggat	300
gacctggggaa ccctgcgcgg ctactacaac cagagcgagg cgggtctca caccgtccag	360
aggatgtatg gtcgcacgt ggggtggac tggcgttcc tccggggta ccaccgtac	420
gcctacgacg gcaaggattt catgcctctt aaagaggacc tgccgttgc gaccggccg	480
gacatggcgac ctcagaccac caagcacaag tggaggccg cccatgtggc ggagcagtgg	540
agagcctacc tggagggcac gtgcgtggag tggctccgca gatactggaa gaacgggaag	600
gagacgctgc agcgacggaa cggcccaaaa acgcatatga ctcaccacgc tgcgttgc	660
catgaagcca ccctggggatg ctggcccttg agcttctacc ctgcggagat cacactgacc	720
tggcagccggg atggggagga ccagacccag gacacggacc tggtggagac caggcctca	780
ggggatggaa ccctccagaa gtggccgtt gtgggtgtc ttctggaca ggagcagaga	840
tacacctgccc atgtgcagca tgagggtttt cccaaaggcccc tcaccctgag atgggg	897

<210> 39

<211> 897

<212> DNA

<213> Homo sapiens

<400> 39

atggccgtca tggcccccgg aaccctcgtc ctgtactct cgggggtctt gcccgtacc	60
cagacctggg cgggtctca ctccatgagg tatttctca catccgtgtc cggccggc	120
cgcggggagc cccgttcat cgcagtgggc tacgtggacg acacgcgtt cgtcggttc	180
gacagcgacg cgcgcggcca gaggatggag cgcggccgc cgtggataga gcaggagggt	240
ccggagtatt gggacggggaa gacacggaaa gtgaaggccc actcacagac tcaccggat	300
gacctggggaa ccctgcgcgg ctactacaac cagagcgagg cgggtctca caccgtccag	360
aggatgtatg gtcgcacgt ggggtggac tggcgttcc tccggggta ccaccgtac	420
gcctacgacg gcaaggattt catgcctctt aaagaggacc tgccgttgc gaccggccg	480
gacatggcgac ctcagaccac caagcacaag tggaggccg cccatgtggc ggagcagtgg	540
agagcctacc tggagggcac gtgcgtggag tggctccgca gatactggaa gaacgggaag	600
gagacgctgc agcgacggaa cggcccaaaa acgcatatga ctcaccacgc tgcgttgc	660
catgaagcca ccctggggatg ctggcccttg agcttctacc ctgcggagat cacactgacc	720
tggcagccggg atggggagga ccagacccag gacacggacc tggtggagac caggcctca	780
ggggatggaa ccctccagaa gtggccgtt gtgggtgtc ttctggaca ggagcagaga	840
tacacctgccc atgtgcagca tgagggtttt cccaaaggcccc tcaccctgag atgggg	897

<210> 40
<211> 546
<212> DNA
<213> Homo sapiens

<400> 40gctctactc catgaggtat ttttcacat ccgtgtcccg gcccggccgc ggggagcccc 60
gcttcatgc agtggctac gtggacgaca cgcagttcggt gcggttcgac agcgcacgccc 120
cgagccagag gatggagccg cgggcgcgt ggatagagca ggagggtcccg ga'gtattggg 180
acggggagac acggaaagtg aaggcccact cacagactca ccgagtggac ctggggaccc 240
tgcggcgtca ctacaaccag acggaggccg gttctcacac cgtccagagg atgtatggct 300
gacgtgggg tgcggactgg cgcttcctcc gcgggtacca ccagtacgcc tacgacggca 360
aggattacat cgcctgaac gaggacctgc gctctggac cgcggccggac atggcagctc 420
agaccaccaa gcacaagtgg gaggccggcc atgtggcggaa gcagttgaga gcctacctgg 480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
gcacgg 546

<210> 41
<211> 546
<212> DNA
<213> Homo sapiens

<400> 41
gctctactc catgaggtat ttttcacat ccgtgtcccg gcccggccgc ggggagcccc 60
gcttcatgc agtggctac gtggacgaca cgcagttcggt gcggttcgac agcgcacgccc 120
cgagccagag gatggagccg cgggcgcgt ggatagagca ggagggtcccg gaggattggg 180
acggggagac acggaaagtg aaggcccact cacagactca ccgagtggac ctggggaccc 240
tgcggcgtca ctacaaccag acggaggccg gttctcacac cgtccagagg atgtatggct 300
gacgtgggg tgcggactgg cgcttcctcc gcgggtacca ccagtacgcc tacgacggca 360
aggattacat cgcctgaaa gaggacctgc gctctggac cgcggccggac atggcagctc 420
agaccaccaa gcacaagtgg gaggccggcc atgtggcggaa gcagttgaga gcctacctgg 480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
gcacgg 546

<210> 42
<211> 891
<212> DNA
<213> Homo sapiens

<400> 42
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tgggggggt ctcactccat gaggtatttc ttacatccg tgcggccgc cggccgcggg 120
gagccccgt tcatgcagt gggctacgt ~~gacgacacc~~ ~~atttgt~~ gtcgacage 180
gacggccgca gccagaggat ggagccgcgg ggcgggtgg tagagcagga gggtccggag 240
tattggacg gggagacacg gaaagtgaag gcccactcac agactcaccg agtggacctg 300
gggaccttcgc gggctacta caaccagagc gaggccgggtt-ctcacaccgt ccagaggatg 360
tatggctgcg acgtggggtc ggactggcgc ttccctccg ggtaccacca gtacgctac 420
gacggcaagg attacatcgc ctgaaaagag gacctgcgt ctggaccgc ggccgacatg 480
gcagctcaga ccaccaagca caagtggag gggcccatg aggccggagca gttgagagcc 540
tacctggagg gcacgtgcgt ggagtggcgc cgcagatacc tggagaacgg gaaggagacg 600
ctgcagcgcga cggacgcccc caaaacgcatt atgactcacc acgctgtctc tgaccatgaa 660
gccaccctga ggtgtgggc ctctggcc tcaccctgcgg agatcacact gacccggcag 720
cgggatgggg aggaccagac ccaggacacg gagctcgtgg agaccaggcc tgcagggat 780
ggaacctcc agaagtggc gggtgtggtg tgcctctg gacaggagca gagatacacc 840
tgccatgtgc agcatgaggg ttggccaag cccctcaccc tgagatggaa g 891

<210> 43
<211> 546
<212> DNA
<213> Homo sapiens

<400> 43

gctctca	tatccatcg	catgggtat	tttccatcg	ccgtgtccc	ccccggccgc	ggggagcccc	60
gcttc	atcg	actac	gtggacgaca	cgcagt	ttcg	tgac	120
cgaggc	ccat	ggat	ggccgt	ggat	gggt	tcgg	180
gggg	ggac	ggaa	ggcc	ggaa	gggg	ttcg	240
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	300
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	360
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	420
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	480
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	540
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	546

<210> 44
<211> 546
<212> DNA
<213> Homo sapiens

<400> 44

gctctca	tatccatcg	catgggtat	tttccatcg	ccgtgtccc	ccccggccgc	ggggagcccc	60
gcttc	atcg	actac	gtggacgaca	cgcagt	ttcg	tgac	120
cgaggc	ccat	ggat	ggccgt	ggat	gggt	tcgg	180
gggg	ggac	ggaa	ggcc	ggaa	gggg	ttcg	240
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	300
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	360
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	420
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	480
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	540
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	546

<210> 45
<211> 546
<212> DNA
<213> Homo sapiens

<400> 45

gctctca	tatccatcg	catgggtat	tttccatcg	ccgtgtccc	ccccggccgc	ggggagcccc	60
gcttc	atcg	actac	gtggacgaca	cgcagt	ttcg	tgac	120
cgaggc	ccat	ggat	ggccgt	ggat	gggt	tcgg	180
gggg	ggac	ggaa	ggcc	ggaa	gggg	ttcg	240
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	300
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	360
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	420
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	480
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	540
gggg	ggac	ggaa	ggcc	ggaa	gggg	atgtatgg	546

<210> 46
<211> 897
<212> DNA
<213> Homo sapiens

<400> 46

atggccgtca tggcccccg aaccctcgtc ctgctactct cggggctct gcccgtacc	60
cagacctggg cggctctca ctccatgagg tatttttca catccgtgtc cggccggc	120
cgcggggagc cccgttcat cgcaagtggc tacgtggacg acacgcgtt cgtcggttc	180
gacagcgacg ccgcgagcca gaggatggag cgcggggcgc cgtggataga gcaggagggt	240
ccggagtatt gggacgggaa gacacggaaa gtgaaggccc actcacagac tcaccgagtg	300
gacctgggaa ccctgcgggg ctactacaac cagagcgagg cgggttctca cacgtccag	360
aggatgtatg gtcgcacgt ggggtcgac tggcgcttcc tccggggta ccaccgtac	420
gcctacacg gcaaggatta catgcctcg aaagaggacc tgcgtcttg gaccggcg	480
gacatggcag ctcagaccac caagcacaag tgggaggcgg cccatgtggc ggagcagtt	540
agagcttacc tggagggcac gtgcgtggag tggctccga gatacctgga gaacgggaag	600
gagacgtgc aggcacgga cgcggccaaa acgcatatga ctcaccacgc tgtctgtac	660
catgaagcca ccctgagggtg ctggggctcg agcttacc ctgcggagat cacactgacc	720
tggcagcggg atggggagga ccagaccac gacacggacg tcgtggagac cagggctgca	780
ggggatggaa cttccagaa gtggggcggt gtgggtggc cttctggaca ggagcagaga	840
tacacctgcc atgtcagca tgagggttt cccaagcccc tcaccctgag atggag	897

<210> 47

<211> 546

<212> DNA

<213> Homo sapiens

<400> 47

gctctactc catgaggat ttcttacat ccgtgtcccg gcccggccgc gggagcccc	60
gcttcatcgc agtgggctac gtggacgaca cgcagtctgt cgggttgcac agcgcacgccc	120
ggagccagag gatggagccg cggggccgtt ggatagagca ggagggtccg ggttattggg	180
acggggagac acggaaagtg aaggccact cacagactca ccgagtggac ctggggaccc	240
tgcgggcta ctacaaccag agegaggccg gttctcacac cgtccagagg atgtatggct	300
gcaacgtggg gtggactgg cgcttcctcc ggggtacca ccagtagcc tacacggca	360
aggattacat cgcctgaaa gaggacctgc gtcctggac cgcggccgac atggcagtc	420
agaccaccaa gcacaagtgg gaggccgccc atgtggcga gcagttgaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 48

<211> 897

<212> DNA

<213> Homo sapiens

<400> 48

atggccgtca tggcccccg aaccctcgtc ctgctactct cggggctct gcccgtacc	60
cagacctggg cggctctca ctccatgagg tatttttca catccgtgtc cggccggc	120
cgcggggagc cccgttcat cgcaagtggc tacgtggacg acacgcgtt cgtcggttc	180
gacagcgacg ccgcgagcca gaggatggag cgcggggcgc cgtggataga gcaggagggt	240
ccggagtatt gggacgggaa gacacggaaa gtgaaggccc actcacagac tcaccgagtg	300
gacctgggaa ccctgcgggg ctactacaac cagagcgagg cgggttctca cacgtccag	360
aggatgtctg gtcgcacgt ggggtcgac tggcgcttcc tccggggta ccaccgtac	420
gcctacacg gcaaggatta catgcctcg aaagaggacc tgcgtcttg gaccggcg	480
gacatggcag ctcagaccac caagcacaag tgggaggcgg cccatgtggc ggagcagtt	540
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gagacgtgc aggcacgga cgcggccaaa acgcatatga ctcaccacgc tgtctgtac	660
catgaagcca ccctgagggtg ctggggctcg agcttacc ctgcggagat cacactgacc	720
tggcagcggg atggggagga ccagaccac gacacggacg tcgtggagac cagggctgca	780
ggggatggaa cttccagaa gtggggcggt gtgggtggc cttctggaca ggagcagaga	840
tacacctgcc atgtcagca tgagggttt cccaagcccc tcaccctgag atggag	897

<210> 49

<211> 822

<212> DNA

<213> Homo sapiens

<400> 49

gctctca	t catgaggtat ttctcacat ccgtgtcccg gcccggccgc ggggagcccc	60
gcttcatgc	g agtgggtac gtggacgaca cgcagttcgt gcggttcgac a	120
cgagccagag	gatggagccg cgggcgcgt ggatagagca ggagggtccg g	180
acggggagac	a cggaaagtg aaggcccagt cacagactca ccgagtggac ctggggaccc	240
tgccgcgcta	c tacaaccag a	300
g	gacgtggg tgcggactgg cg	360
aggattacat	cgccctgaaa gaggac	420
agaccaccaa	gcacaagtgg gaggccccc atgtggg	480
agggcacgtg	cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacggacgc	c cccaaaacg catatgactc accacgctgt ctctgaccat	600
tgaggtgctg	ggccctgagc ttctaccctg cggagatcac actgac	660
gggaggacca	gaccaggac acggagctg tggagaccag g	720
tccagaagtg	ggcggctgtg gtgggcctt ctggacaga	780
tgcagcatga	gggttgccc aagccctca ccctgagatg gg	822

<210> 50

<211> 546

<212> DNA

<213> Homo sapiens

<400> 50

gctctca	t catgaggtat ttctcacat ccgtgtcccg gcccggccgc ggggagcccc	60
gcttcatgc	g agtgggtac gtggacgaca cgcagttcgt gcggttcgac a	120
cgagccagag	gatggagccg cgggcgcgt ggatagagca ggagggtccg g	180
acggggagac	a cggaaagtg aaggcccagt cacagactga ccgagtggac ctggggaccc	240
tgccgcgcta	c tacaaccag a	300
g	gacgtggg tgcggactgg cg	360
aggattacat	cgccctgaaa gaggac	420
agaccaccaa	gcacaagtgg gaggccccc atgtggg	480
agggcacgtg	cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg		546

<210> 51

<211> 546

<212> DNA

<213> Homo sapiens

<400> 51

gctctca	t catgaggtat ttctcacat ccgtgtcccg gcccggccgc ggggagcccc	60
gcttcatgc	g agtgggtac gtggacgaca cgcagttcgt gcggttcgac a	120
cgagccagag	gatggagccg cgggcgcgt ggatagagca ggagggtccg g	180
acggggagac	a cggaaagtg aaggccact cacagactca ccgagtggac ctggggaccc	240
tgccgcgcta	c tacaaccag a	300
g	gacgtggg tgcggactgg cg	360
aggattacat	cgccctgaaa gaggac	420
agaccaccaa	gcacaagtgg gaggccccc atgtggg	480
agggcacgtg	cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg		546

<210> 52

<211> 546

<212> DNA

<213> Homo sapiens

<400> 52

gctctca	catgaggtat ttctcacat ccgtgtcccg gcccggccgc ggggagcccc	60
gcttcatc	gc agtggctac gtggacgaca cgcagtctgt ggggttcgac agcgcacgccc	120
cgagccag	ag gatggagccg cgggcgcgt ggatagagca ggagggtccg gatgtattggg	180
acggggag	ac acggaaagt aaggcccact cacagactca ccgagtggac ctggggacc	240
tgcgcg	cta accaaccag agcgaggccg gttctcacac cgtccagagg atgtatggct	300
gacgtt	ggg gtggactgg cgcttcctcc ggggtacca ccagtacgac tacgacggca	360
aggatt	acat cgcctgaaa gaggacctgc gctttggac cggccggac atggcagetc	420
agaccac	aa caaccggc atgtggcga gcagcagaga gcctacactgg	480
agggcac	tg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg		546

<210> 53

<211> 546

<212> DNA

<213> Homo sapiens

<400> 53

gctctca	catgaggtat ttctcacat ccgtgtcccg gcccggccgc ggggagcccc	60
gcttcatc	gc agtggctac gtggacgaca cgcagtctgt ggggttcgac agcgcacgccc	120
cgagccag	ag gatggagccg cgggcgcgt ggatagagca ggagggtccg gatgtattggg	180
acggggag	ac acggaaagt aaggcccact cacagactca ccgagtggac ctggggacc	240
tgcgcg	cta accaaccag agcgaggccg gttctcacac cgtccagagg atgtatggct	300
gacgtt	ggg gtggactgg cgcttcctcc ggggtacca ccagtacgac tacgacggca	360
aggatt	acat cgcctgaaa gaggacctgc gctttggac cggccggac atggcagetc	420
agaccac	aa caaccggc atgtggcga gcagcagaga gcctacactgg	480
agggccgg	tg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg		546

<210> 54

<211> 546

<212> DNA

<213> Homo sapiens

<400> 54

gctctca	catgaggtat ttctcacat ccgtgtcccg gcccggccgc ggggagcccc	60
gcttcatc	gc agtggctac gtggacgaca cgcagtctgt ggggttcgac agcgcacgccc	120
cgagccag	ag gatggagccg cgggcgcgt ggatagagca ggagggtccg gatgtattggg	180
acggggag	ac acggaaagt aaggcccact cacagactca ccgagtggac ctggggacc	240
tgcgcg	cta accaaccag agcgaggccg gttctcacac cgtccagagg atgtttggct	300
gacgtt	ggg gtggacggg cgcttcctcc ggggtacca ccagtacgac tacgacggca	360
aggatt	acat cgcctgaaa gaggacctgc gctttggac cggccggac atggcggetc	420
agatcac	aa caaccggc atgtggcga gcagttgaga gcctacactgg	480
agggcac	tg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg		546

<210> 55

<211> 546

<212> DNA

<213> Homo sapiens

<400> 55

gctctca	catgaggtat ttctcacat ccgtgtcccg gcccggccgc ggggagcccc	60
gcttcatc	gc agtggctac gtggacgaca cgcagtctgt ggggttcgac agcgcacgccc	120
cgagccag	ag gatggagccg cgggcgcgt ggatagagca ggagggtccg gatgtattggg	180
acggggag	ac acggaaagt aaggcccact cacagactca ccgagtggac ctggggacc	240
tgcgcg	cta accaaccag agcgaggccg gttctcacac cgtccagagg atgtatggct	300

gcgacgtgg gtcggactgg cgttccctcc	60
cggggtacca ccagtacgcc tacgacggca	420
aggattacat cgccctgaaa gaggacctgc	480
gctcttggac cgccggggac atggcagctc	540
agaccaccaa gcacaagtgg gaggcggccc	546
gtgtggcgga gcagttgaga gcctacctgg	
agggcacgtg cgtggagtgg ctccgcagat	
acctggagaa cgggaaggag acgctgcagc	
gcacgg	

<210> 56
<211> 546
<212> DNA
<213> Homo sapiens

<400> 56	
gctctcaactc catgaggttat ttctacacct ccgtgtcccg	60
gccccggccgc ggggagccccc	120
gtttcatcgc agtgggctac gtggacgaca cgcagtttgt	180
cgccggccgt ggatagagca ggagggtccg gaggatttggg	240
acggggagac acgaaagtg aaggcccact cacagactca	300
ccgagtgac ctggggaccc	360
tgcgggcta ctacaaccag agcgaggccg gttctcacac	420
cgtccagagg atgtatggct	480
gacgtggg gtcggactgg cgcttccctcc	540
cgccctgacca ccagtacgcc tacgacggca	546
aggattacat cgccctgaaa gaggacctgc	
gctcttggac cgccggggac atggcagctc	
agaccaccaa gcacaagtgg gaggcggccc	
atgtggcgga gcagttgaga gcctacctgg	
agggcacgtg cgtggagtgg ctccgcagat	
acctggagaa cgggaaggag acgctgcagc	
gcacgg	

<210> 57
<211> 546
<212> DNA
<213> Homo sapiens

<400> 57	
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gccccggccgc ggggagccccc	120
gtttcatctc agtgggctac gtggacgaca cgcagtttgt	180
cgccggccgt ggatagagca ggagggtccg gaggatttggg	240
acggggagac acgaaagtg aaggcccact cacagactca	300
ccgagtgac ctggggaccc	360
tgcgggcta ctacaaccag agcgaggccg gttctcacac	420
cgtccagagg atgtatggct	480
gacgtggg gtcggactgg cgcttccctcc	540
cgccctgacca ccagtacgcc tacgacggca	546
aggattacat cgccctgaaa gaggacctgc	
gctcttggac cgccggggac atggcagctc	
agaccaccaa gcacaagtgg gaggcggccc	
atgtggcgga gcagttgaga gcctacctgg	
agggcacgtg cgtggagtgg ctccgcagat	
acctggagaa cgggaaggag acgctgcagc	
gcacgg	

<210> 58
<211> 546
<212> DNA
<213> Homo sapiens

<400> 58	
gctctcaactc catgaggttat ttctacacct ccgtgtcccg	60
gccccggccgc ggggagccccc	120
gtttcatcgc agtgggctac gtggacgaca cgcagtttgt	180
cgccggccgt ggatagagca ggagggtccg gaggatttggg	240
acggggagac acgaaagtg aaggcccact cacagactca	300
ccgagtgac ctggggaccc	360
tgcgggcta ctacaaccag agcgaggccg gttctcacac	420
cgtccagagg atgtatggct	480
gacgtggg gtcggactgg cgcttccctcc	540
cgccctgacca ccagtacgcc tacgacggca	546
aggattacat cgccctgaaa gaggacctgc	
gctcttggac cgccggggac atggcagctc	
agatcaccaa gcacaagtgg gaggcggccc	
atgtggcgga gcagcagaga gcctacctgg	
agggcacgtg cgtggagtgg ctccgcagat	
acctggagaa cgggaaggag acgctgcagc	
gcacgg	

<210> 59
<211> 546
<212> DNA
<213> Homo sapiens

<400> 59
gctctactc catgaggtat ttctcacat ccgtgtcccg gcccggccgc ggggagcccc 60
gcttcatgc agtggctac gtggacgaca cgcagtttgt cggttgcac agcgcacgccc 120
cgagccagag gatggagccg cgggcgcgt ggatagagca ggagggtccg gagtattggg 180
accaggagac acggaaagtg aaggcccact cacagactca ccgagtggac ctggggaccc 240
tgcgcggcta ctacaaccag akgcggccg gttctcacac cgtccagagg atgtatggct 300
gacacgtgg gtcgactgg cgcttctcc cggttacca ccagtgcc tacgacggca 360
aggattacat cgccctgaaa gaggacatgc gctttggac cgcggccgac atggcagctc 420
agaccaccaa gcacaagtgg gaggccccc atgtggccga gcagttgaga gcctacctgg 480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
gcacgg 546

<210> 60
<211> 619
<212> DNA
<213> Homo sapiens

<400> 60atggccgtca tggcgcccg aaccctgtc ctgtactct cggggctct ggcctgacc 60
cagacctggg cgggctctca ctccatgagg tatttctca catccgttc cggccggc 120
cgcggggagc cccgcttcat cgcagtggc tacgtggacg acacgcagtt cgtcggttc 180
gacagcgacg cggcgagcca gaggatggag cgcggccgc cgtggataga gcaggagggt 240
ccggagtatt gggacgagga gacaggaaa gtgaaggccc actcacagac tcaccgagtg 300
gacctgggga ccctgcgccc ctactacaac cagacgcagg cgggtctca caccgtccag 360
aggatgtatg gtcgcacgt ggggtcgac tggcgcttcc tccgcggta ccaccagtac 420
gcctacgacg gcaaggatta catgcccctg aaagaggacc tgcgtcttg gaccgcggcg 480
gacatggcag ctcaagaccac caagcacaag tgggaggccg cccatgtggc ggagcagttg 540
agacgcattacc tggagggcac gtgcgtggag tggctccgca gataccctgga gaacgggaag 600
gagacgctgc agegcacgg 619

<210> 61
<211> 546
<212> DNA
<213> Homo sapiens

<400> 61
gctctactc catgaggtat ttctcacat ccgtgtcccg gcccggccgc ggggagcccc 60
gcttcatgc agtggctac gtggacgaca cgcagtttgt cggttgcac agcgcacgccc 120
cgagccggag gatggagccg cgggcgcgt ggatagagca ggagggtccg gagtattggg 180
acggggagac acggaaagtg aaggcccact cacagactca ccgagtggac ctggggaccc 240
tgcgcggcta ctacaaccag akgcggccg gttctcacac cgtccagagg atgtatggct 300
gacacgtgg gtcgactgg cgcttctcc cggttacca ccagtgcc tacgacggca 360
aggattacat cgccctgaaa gaggacatgc gctttggac cgcggccgac atggcagctc 420
agaccaccaa gcacaagtgg gaggccccc atgtggccga gcagttgaga gcctacctgg 480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
gcacgg 546

<210> 62
<211> 546
<212> DNA
<213> Homo sapiens

<400> 62

gctctca	tc	catc	cat	catgagg	gtat	ttctcacat	ccgtgtcccg	ccccggccgc	ggggagcccc	60
gcttcat	cg	agtgg	gtac	gtggac	gaca	cgcagtt	cggttgc	agcga	cgccg	120
cgagcc	ag	at	gg	atgg	gagccg	cgggcgc	cgt	gat	agagca	180
acgagg	ag	aa	tg	aagg	cccact	caca	actga	ccg	atgg	240
tgcg	cg	ct	ta	acaacc	ag	cgagg	ccg	tgcc	ggac	300
g	ac	tc	ca	acc	g	ggc	gt	tt	gg	360
aggatt	at	cc	ct	gtgaaa	gagg	ac	ctgc	gtt	ggac	420
agacc	ac	cc	aa	gca	ca	gtgg	ggcc	at	ggc	480
aggg	ac	gt	tg	gtgg	at	gg	gg	gt	gg	540
gcac	gg	tg	tg	gg	gg	gg	gg	gg	gg	546

<210> 63

<211> 546

<212> DNA

<213> Homo sapiens

<400> 63

gctctca	tc	catc	cat	catgagg	gtat	ttctcacat	ccgtgtcccg	ccccggccgc	ggggagcccc	60
gcttcat	cg	agtgg	gtac	gtggac	gaca	cgcagtt	cggttgc	agcga	cgccg	120
cgagcc	ag	at	gg	atgg	gagccg	cgggcgc	cgt	gat	agagca	180
acgagg	ag	aa	tg	aagg	cccact	caca	actca	ccg	atgg	240
tgcg	cg	ct	ta	acaacc	ag	cgagg	ccg	tgcc	ggac	300
g	ac	tc	ca	acc	g	ggc	gt	tt	gg	360
aggatt	at	cc	ct	gtgaaa	gagg	ac	ctgc	gtt	ggac	420
agacc	ac	cc	aa	gca	ca	gtgg	ggcc	at	ggc	480
aggg	ac	gt	tg	gtgg	at	gg	gg	gt	gg	540
gcac	gg	tg	tg	gg	gg	gg	gg	gg	gg	546

<210> 64

<211> 546

<212> DNA

<213> Homo sapiens

<400> 64

gctcc	ca	tc	at	catgagg	gtat	ttctcacat	ccatgtcccg	ccccggccgc	ggggagcccc	60
gcttcat	cg	at	gg	gtgg	gtac	gtggac	gaca	cgcag	ttcg	120
cgagcc	ag	at	gg	atgg	gagccg	cgggcgc	cgt	gat	agagca	180
acgagg	ag	aa	tg	aagg	cccact	caca	actca	ccg	atgg	240
tgcg	cg	ct	ta	acaacc	ag	cgagg	ccg	tgcc	ggac	300
g	ac	tc	ca	acc	g	ggc	gt	tt	gg	360
aggatt	at	cc	ct	gtgaaa	gagg	ac	ctgc	gtt	ggac	420
agacc	ac	cc	aa	gca	ca	gtgg	ggcc	at	ggc	480
aggg	ac	gt	tg	gtgg	at	gg	gg	gt	gg	540
gcac	gg	tg	tg	gg	gg	gg	gg	gg	gg	546

<210> 65

<211> 546

<212> DNA

<213> Homo sapiens

<400> 65

gctctca	tc	catc	cat	catgagg	gtat	ttctcacat	ccgtgtcccg	ccccggccgc	ggggagcccc	60
gcttcat	cg	at	gg	gtgg	gtac	gtggac	gaca	cgcag	ttcg	120
cgagcc	ag	at	gg	atgg	gagccg	cgggcgc	cgt	gat	agagca	180
acgagg	ag	aa	tg	aagg	cccact	caca	actca	ccg	atgg	240
tgcg	cg	ct	ta	acaacc	ag	cgagg	ccg	tgcc	ggac	300

gcgacgtggg	gtcggactgg	cgttccctcc	gcgggtacca	ccagtacgcc	tacgacggca	360
aggattacat	cgcctgaaa	gaggacctgc	gctcttgac	cgccgggac	atggcagctc	420
agaccaccaa	gcacaagtgg	gaggcggccc	gtgtggcga	gcagttgaga	gcctacctgg	480
agggcacgtg	cgtggagtgg	ctccgcagat	acctggagaa	cgggaaggag	acgctgcagc	540
gcacgg						546

<210> 66
<211> 546
<212> DNA
<213> Homo sapiens

<400>	66					
gctctca	tc catgaggat	ttcttacat	ccgtgtcccg	gcccgccgc	ggggagcccc	60
gcttc	atcg	agtggctac	gtggacgaca	cgcagt	tcgt gcgac	120
cgagcc	agag	atggagccg	cggcgccgt	ggatagagca	ggagggtccg	180
acgggg	agac	acgaaagt	aaggcccact	cacagactca	ccgagtggac	240
tgcgcg	cta	accag	agcgaggccg	gttctcac	ac cgttccagg	300
gacgtgg	gtcggac	ggg	cgcttcc	gcccgtat	gac	360
aggatt	acat	cgcctgaaa	gaggac	ctgc	cgccgggac	420
agaccac	caa	gcacaagtgg	gaggcggccc	atgtggcga	gcagttgaga	480
agggcac	gtg	cgtggagtgg	ctccgcagat	acctggagaa	cgggaaggag	540
gcacgg						546

<210> 67
<211> 546
<212> DNA
<213> Homo sapiens

<400>	67					
gctctca	tc catgaggat	ttcttacac	ccgtgtcccg	gcccgccgc	ggggagcccc	60
gcttc	atcg	agtggctac	gtggacgaca	cgcagt	tcgt gcgac	120
cgagcc	agag	atggagccg	cggcgccgt	ggatagagca	ggagggtccg	180
acgggg	agac	acgaaagt	aaggcccact	cacagactca	ccgagtggac	240
tgcgcg	cta	accag	agcgaggccg	gttctcac	ac cgttccagg	300
gacgtgg	gtcggact	ggg	cgcttcc	gcccgtat	gac	360
aggatt	acat	cgcctgaaa	gaggac	ctgc	cgccgggac	420
agaccac	caa	gcacaagtgg	gaggcggccc	atgtggcga	gcagttgaga	480
agggcac	gtg	cgtggac	ggg	ctccgcagat	acctggagaa	540
gcacgg						546

<210> 68
<211> 546
<212> DNA
<213> Homo sapiens
<400> 68

gctctca	tc catgaggat	ttcttacat	ccgtgtcccg	gcccgccgc	ggggagcccc	60
gcttc	atcg	agtggctac	gtggacgaca	cgcagt	tcgt gcgac	120
cgagcc	agag	atggagccg	cggcgccgt	ggatagagca	ggaggggccg	180
acggaa	acac	acgaaatgt	aaggcccact	cacagactca	ccgagtggac	240
tgcgcg	cta	accag	agcgaggccg	gttctcac	ac cgttccagg	300
gacgtgg	gtcggact	ggg	cgcttcc	gcccgtat	gac	360
aggatt	acat	cgcctgaaa	gaggac	ctgc	cgccgggac	420
agaccac	caa	gcacaagtgg	gaggcggccc	atgtggcga	gcagttgaga	480
agggcac	gtg	cgtggagtgg	ctccgcagat	acctggagaa	cgggaaggag	540
gcacgg						546

<210> 69
<211> 895
<212> DNA
<213> Homo sapiens

<400> 69
atggccgtca tggcgcggc aaccctcgct ctgctactct cggggctct ggccctgacc 60
cagacctggg cgggtctca ctccatgagg tatttctaca catccgtgc cggccggc 120
cgcggggagc cccgttcat cgcaatggc tacgtggacg acacgcgtt cgtcggttc 180
gacagcgacg ccgcgagcca gaggatggag ccgcggcgc cgtggataga gcaggagggt 240
ccggagttt gggaccagga gacacggaa gtgaaggccc agtacacagac tcaccgagt 300
gacctggggc ccctgcgcgg ctactacaac cagagcgagg cgggtctca caccgtccag 360
aggatgtatg gtcgcacgt ggggtcgac tggcgcttc tccgcggta ccaccgtac 420
gcctacgacg gcaaggatta catgcctg aaagaggacc tgcgctctg gaccgcggc 480
gacatggcag ctcagaccac caagcacaag tgggaggcgg cccatgtggc ggacgcgtt 540
agacgcattacc tggagggcac gtgcgtggag tggctccga gatactgga gaacgggaag 600
gagacgctgc agcgcacggc cccccccaaa acgcataatga ctcaccacgc tgctctgac 660
catgaagcca ccctgagggtg ctggccctg agcttctacc ctgcggagat cacactgacc 720
tggcagcggg atggggagga ccagacccag gacacggac tcgtggagac caggcctgca 780
ggggatggaa cttccagaa gtggcggct gtgggtgtc cttctggaca ggacgcagaga 840
tacacctgcc atgtcagca tgagggttt cccaaaggccc tcaccctgag atggg 895

<210> 70
<211> 897
<212> DNA
<213> Homo sapiens

<400> 70atggccgtca tggcgcggc aaccctcgct ctgctactct cggggctct ggccctgacc 60
cagacctggg cgggtctca ctccatgagg tatttctaca cctccgtgc cggccggc 120
cgcggggagc cccgttcat cgcaatggc tacgtggacg acacgcgtt cgtcggttc 180
gacagcgacg ccgcgagcca gaggatggag ccgcggcgc cgtggataga gcaggagggt 240
ccggagttt gggacggggc gacacggaa gtgaaggccc actacacagac tcaccgagt 300
gacctggggc ccctgcgcgg ctactacaac cagagcgagg cgggtctca caccctccag 360
aggatgtatg gtcgcacgt ggggtcgac tggcgcttc tccgcggta ccaccgtac 420
gcctacgacg gcaaggatta catgcctg aaagaggacc tgcgctctg gaccgcggc 480
gacatggcag ctcagaccac caagcacaag tgggaggcgg cccatgtggc ggacgcgtt 540
agacgcattacc tggagggcac gtgcgtggag tggctccga gatactgga gaacgggaag 600
gagacgctgc agcgcacggc cccccccaaa acgcataatga ctcaccacgc tgctctgac 660
catgaagcca ccctgagggtg ctggccctg agcttctacc ctgcggagat cacactgacc 720
tggcagcggg atggggagga ccagacccag gacacggac tcgtggagac caggcctgca 780
ggggatggaa cttccagaa gtggcggct gtgggtgtc cttctggaca ggacgcagaga 840
tacacctgcc atgtcagca tgagggttt cccaaaggccc tcaccctgag atggg 897

<210> 71
<211> 546
<212> DNA
<213> Homo sapiens

<400> 71
gcttcactc catgaggat ttctcacat cctgtcccg gcccggcgc ggggagcccc 60
gcttcatcg agtggctac gtggacgaca cgcgttcgt cgggttcgc acgcacgcgc 120
cgagccagag gatggagccg cggggccgt ggtatagagca ggagggtccg ggttattggg 180
acggggagac acggaaatgt aaggccact cacagactca cggatggac ctggggaccc 240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac cctccagagg atgtatggct 300
gacgttgggg gtggactgg cttccctcc cggggatcca cagatgcac tacgacggca 360
aggattacat cgcctgaaa gaggacctgc ctgttggac cggggggac atggcagctc 420
agaccaccaa gcacaatgg gaggcggccc atgtggcggaa cgttgaga gcctacctgg 480
agggcactg cgtggactgg ctccgcagat acctggagaa cggggaggac acgcgtgcgc 540
gcacgg 546

<210> 72
<211> 822
<212> DNA
<213> *Homo sapiens*

<400> 72		
gcttcactc catgaggat ttctcacat ccgtgtcccg gccccggccg gaggagcccc	60	
gcttcatcg agtgggctac gtggacgaca cgcagttctg gcgggttcgac agcgacgccc	120	
cgagccagag gatggagccg cggggcccg ggatagagca ggaggggtccg gagaatttggg	180	
acggggagac acggaaaagtg aaggcccact cacagactca ccgagtggac ctggggaccc	240	
tgcgcggcta ctacaaccag agcgaggccg ttctcacac cgtccagagg atgtatggct	300	
gcgcacgtggg gtccgactgg cgcttcctcc gcgggttacca ccagtacgcc tacgacggca	360	
aggattacat cgcctgaaa gaggacgtgc gctctggac cgcggccggac atggcagctc	420	
agaccaccaa gcacaagtgg gaggcggccc atgtggccga gcagggtgaga gcctacctgg	480	
agggcacgtg cgtggagtgg ctccgcagat acctgtgagaa cgggaaggag acgctgcagc	540	
gcacggacgc ccccaaaacg catatgactc accacgctgt ctctgaccat gaagccaccc	600	
tgaggtgtcg ggccctgagc ttctaccctg cggagatcac actgacctgg cagccggatg	660	
gggaggagcca gaccaggac acggagctcg tggagaccag gcctgcaggg gatggaaacct	720	
tccagaagtg ggcggctgtg ttgttgcctt ctggacagaga gcagagatac acctgcccatt	780	
tgcagcatga gggttgccc aagccctca ccctgagatg gg	822	

<210> 73
<211> 546
<212> DNA
<213> *Homo sapiens*

<400> 73	
gctctcac tc catgaggat ttcttcacat ccgtgtcccg gcccggccgc gggagcccc	60
gcttcatcgc a gtgggctac gtggacgaca cgcagttcgt gcgggttcgac agcgacgccc	120
cgagccagag gatggagccg cgggcccgt ggatagagca ggagggtcgc gaggatttggg	180
acggggagac acggaaagtg aaggccact cacagactca ccgagtgac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac cgtccagagg atgtatggct	300
gcgacgtggg gtcgactgg cgcttccctcc cgggttacca ccagttcgcc tacgacggca	360
aggattacat cgcctgaaa gaggacctgc gctcttggac cgcggccgac atggcagctc	420
agaccaccaa gcacaagtgg gaggccgccc atgtggcggaa gcagggtgaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 74
<211> 897
<212> DNA
<213> *Homo sapiens*

<400> 74	
atggccgtca tggcccccg aaccctcctc ctgctactct cggggccct ggcctgacc	60
cagacctggg cgggtccca ctccatgagg tatttcttc catccgtgc cggccggc	120
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tggcagcggg atggggagga ccagacccag gacacggagc tcgtggagac caggcctgca	780
ggggatggaa cttccagaa gtggcggct gtggtggc ctctggaga ggaggcagaga	840
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<210> 75
<211> 546
<212> DNA
<213> Homo sapiens

<400> 75	
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cgagccagag gatggagccg cggggccgt gatggagaca ggatagagca ggagggccg gatgttggg	180
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tgcggcgtta ctacaaccag aegcaggccg gttctcacac catccagata atgtatggct	300
gacgttggg gtcggacggg cgttctcc ggggttaccc gcaaggacgac tacacggca	360
aggattacat cgcctgaac gaggacctgc gtcggacggc cggggccgac atggggctc	420
agatcaccaa ggcgaagtgg gaggccccc atgaggcggg gcaagtggaa gcctacctgg	480
atggcacgtg cgtggagtg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 76
<211> 546
<212> DNA
<213> Homo sapiens

<400> 76	
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cgagccagag gatggagccg cggggccgt gatggagaca ggatagagca ggagggccg gatgttggg	180
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atggcacgtg cgtggagtg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 77
<211> 897
<212> DNA
<213> Homo sapiens

<400> 77	
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gacatggcggtt ctcagatcac caagcgcaag tgggaggccgg cccatgtggc ggacgcggc	540
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ggggatggaa cttccagaa gtggcggct gtggtggtc cttctgaga ggacgagaga	840
tacacctgcc atgtcagea tgagggtctg cccaagcccc tcaccctgag atgggag	897

<210> 78
<211> 897
<212> DNA
<213> Homo sapiens

<400> 78	
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cgcggggagc cccgttcat cgccgtggc tacgtggacg acacgagtt cgtcggttc	180
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gagacgtgc agcgcacgg ccccccggaa acacatatga cccaccaccc catctctgac	660
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tggcagccgg atggggagga ccagacccag gacacggac tgcgtggagac caggcctgca	780
ggggatggaa cttccagaa gtggcggct gtggtggtc cttctgaga ggacgagaga	840
tacacctgcc atgtcagea tgagggtctg cccaagcccc tcaccctgag atgggag	897

<210> 79
<211> 858
<212> DNA
<213> Homo sapiens

<400> 79	
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cgcccatga ggcggaggcgt ttgagacccat acctgggggg cacgtgcgtg gagtggctcc	540
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tgacccacca cccatctt gaccatgagg ccacccttagt gtgcgtggcc ctgggttct	660
accctgcggaa gatcacactg acctggcgc gggatggggaa ggaccacgacc caggacacgg	720
agctgtggaa gaccaggctt gcaggggatc aaacccatccaaatggggcg gctgtgggtgg	780
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ccctcacccctt gagatgggg	858

<210> 80
<211> 546
<212> DNA
<213> Homo sapiens

<400> 80	
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cgagccagag gatggaggccg cggccggctt ggtatagagca ggagggggccg ggttattgg	180
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agatcaccaa gcgcaagtgg gaggcggccc atgaggcggaa gcagttgaga gcctacctgg	480
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gcacgg	546

<210> 81
<211> 546
<212> DNA
<213> Homo sapiens

<400> 81	
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gcttcatcg cgtggctac gtggacgaca cgcagttcg tgcgggttgc acgcacgccc	120
cgagccagag gatggagccg cggggccgt ggatagagca ggagggggccg gagtattggg	180
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gcacgg	546

<210> 82
<211> 546
<212> DNA
<213> Homo sapiens

<400> 82	
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gcttcatcg cgtggctac gtggacgaca cgcagttcg tgcgggttgc acgcacgccc	120
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gcgacgtggg gtcggacggg cgccctcgc gccccgtaccg gcaggacgcc tacgacggca	360
aggattacat cgccctgaac gaggacctgc gctttggac cgccggccac atggcggctc	420
agatcaccaa gcgcaagtgg gaggcggccc atgaggcggaa gcagttgaga gcctacctgg	480
atggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 83
<211> 546
<212> DNA
<213> Homo sapiens

<400> 83	
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gcttcatcg cgtggctac gtggacgaca cgcagttcg tgcgggttgc acgcacgccc	120
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agatcaccaa gcgcaagtgg gaggcggccc atgaggcggaa gcagttgaga gcctacctgg	480
atggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 84
<211> 546
<212> DNA
<213> Homo sapiens

<400> 84

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cgagccagag gatggagccg cgggcccgt ggatagagca ggagggccg gagtattggg	180
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gcacgg	546

<210> 85
<211> 897
<212> DNA
<213> Homo sapiens

<400> 85

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cgcggggagc cccgcttcat cgcgtgggc tacgtggacg acacgcgtt cgtcggttc	180
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<210> 86
<211> 822
<212> DNA
<213> Homo sapiens

<400> 86

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822

<210> 87
<211> 895
<212> DNA
<213> Homo sapiens

<400> 87
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<210> 88
<211> 546
<212> DNA
<213> Homo sapiens
<400> 88

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gcacgg 546

<210> 89
<211> 897
<212> DNA
<213> Homo sapiens

<400> 89
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<210> 90
<211> 897
<212> DNA
<213> Homo sapiens

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tggcagcggg	atggggagga	ccagaccagg	gacacggagc	tcgtggagac	caggcctgca	780	
ggggatggaa	ccttcagaa	gtggcggct	gtgggttgtc	ttctggaga	ggaggcagaga	840	
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<210> 91
<211> 546
<212> DNA
<213> Homo sapiens

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agatcaccaa	gcgcaggatgg	gaggccggccc	atgcggcgga	gcaggcagaga	gcctacactgg	480
agggccgggt	cgtggagtgg	ctccgcagat	acctggagaa	cgggaaggag	acgctgcagc	540
gcacgg						546

<210> 92
<211> 897
<212> DNA
<213> Homo sapiens

<400>	92					
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gcctacgacg gcaaggatta catgccctg aacgaggacc tgcgcttgc gaccggcggc	480
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ggggatggaa cttccagaa gtggccggct gtgggttgc cttctggaga ggagcagaga	840
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<210> 93
<211> 546
<212> DNA
<213> Homo sapiens

<400> 93	
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cgagccagag gatggagccg cgggcgcgcgt ggatagagca ggagggccgc gagtattggg	180
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gcgacgtggg gcccggacggg cgcttcctcc gcgggttaccg gcaggacgccc tacgacggca	360
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gcacgg	546

<210> 94
<211> 546
<212> DNA
<213> Homo sapiens

<400> 94	
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cgagccagag gatggagccg cgggcgcgcgt ggatagagca ggagggccgc gagtattggg	180
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agatcaccaa ggcgaagtgg gaggccggccc atgaggcgga gcagcagaga gcctacctgc	480
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gcacgg	546

<210> 95
<211> 546
<212> DNA
<213> Homo sapiens

<400> 95	
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cgagccagag gatggagccg cgggcgcgcgt ggatagagca ggagggccgc gagtattggg	180
accggAACAC acgaaatgtg aaggcccaagt cacagactga ccgagtggac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggacg gttctcacac catccagata atgtatggct	300
gcgacgtggg gcccggacggg cgcttcctcc gcgggttaccg gcaggacgccc tacgacggca	360
aggattacat cgcctgaac gaggacctgc gctcttggac cgcggccggac atggcagctc	420
agatcaccaa ggcgaagtgg gaggccggccc atgaggcgga gcagcagaga gcctacctgg	480

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gcacgg 540
546

<210> 96
<211> 546
<212> DNA
<213> Homo sapiens

<400> 96
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cgagccagag gatggagccg cggcgccgt ggatagagca ggaggggccc gtagtattggg 180
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agatcaccaa ggcgaagtgg gaggcggccc atgcggcgga gcagcagaga gcctacctgg 480
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gcacgg 546

<210> 97
<211> 546
<212> DNA
<213> Homo sapiens

<400> 97
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gcgagccaga gatggagcc gcccggccgc tggatagagc aggaggggccc ggagtattgg 180
gaccaggaga cacggaaatgt gaaggcccg tcaacactg accgagtggac cctggggacc 240
tgcgcggct actacaacca gagcgaggcc ggttctcaca ccattccagat aatgtatggc 300
tgcgacgtgg gcccggacgg cgcttcctcc ggggttaccg ggcaggacgc ctacgacggc 360
aaggattaca tgccttgcac gaggacctgc gctttggac cggcgccgaa catggcaget 420
cagatcacca agcgaatgt ggaggcggcc catgcggcg aggacgagag agctacatg 480
gaggccggt gctggagtgg gtcggcaga tacctggaga acggaaaggaa gacgctgcagc 540
cgccacg 546

<210> 98
<211> 546
<212> DNA
<213> Homo sapiens

<400> 98
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cgagccagag gatggagccg cggcgccgt ggatagagca ggaggggccc gtagtattggg 180
accaggagac acggaatgtg aaggcccagt cacagactga cggagtggac ctggggaccc 240
tgcgcggcta ctacaaccag agcgaggacg gtttcacac catccagata atgtatggct 300
gcgacgtggg gcccggacgg cgcttcctcc ggggttaccg gcaggacgcc tacgacggca 360
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agatcacca ggcgaagtgg gaggcggccc atgcggcgga gcagcagaga gcctacctgg 480
agggccggtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
gcacgg 546

<210> 99
<211> 573

<212> DNA

<213> Homo sapiens

<400> 99

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agttcgtcg gttcgcacgc gacgcgcga gccagaggat ggagccgcgg gcgccgtgga	180
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agactgaccc agtggacctg gggaccctgc gcccgtacta caaccagagc gaggacggtt	300
ctcacaccat ccagataatg tatggctcg acgtggggcc ggacgggcgc ttccctcg	360
ggtacggca ggacgcctac gacggcaagg attacatcg cctgaacgag gacctgcgc	420
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ggccggagca gcagagagcc tacctggagg gccggctcg ggagtggctc cgccagatacc	540
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<210> 100

<211> 897

<212> DNA

<213> Homo sapiens

<400> 100

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cgccggggagc cccgcctcat cggcgtggc tacgtggacg acacgcgtt cgtgcgggtt	180
gacagcgacg cccgcggcc aaggatggag ccgcgggcgc cgtggataga gcaggagg	240
ccggagttt gggacgagga gacaggaaa gtgaaggccc actcacagac tgaccgag	300
aacctgcggg tcgegcetccg ctactacaac cagacgcagg cccgttctca caccctcc	360
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gacatggcggt ctcagatcac ccacgcgaag tggaggcgcc cccgtgtggc ggagcagt	540
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gagacgcgtc agcgcacggg ccccccac acacatatga cccaccaccc catctgtac	660
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ggggatggaa cttccagaa gtggcagct gtgggtgtac ctctggaga ggacgagaga	840
tacacctgccc atgtcagca tgagggtctg cccaaaggccc tcacccttag atgggag	897

<210> 101

<211> 546

<212> DNA

<213> Homo sapiens

<400> 101

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cgagccaaag gatggagccg cggccgcgtt ggatagagca ggaggggccg gaggatgg	180
acgaggagac aggaaaatgt aaggccact cacagactga cccggacaaat ctgcggatcg	240
cgctccgtca ctacaaccggc acgcggccg gtttcacac cttccatgt atgtttggct	300
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aggcgcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgcgtgc	540
gcacgg	546

<210> 102

<211> 546

<212> DNA

<213> Homo sapiens

<400> 102

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cgagccagag gatggagccg cgggcgcgt ggatagagca ggaggggccc gagtattggg	180
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gcgacgtggg gtggacggg cgcttcctcc ggggtacca ccagtacgcc tacacggca	360
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agggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 103

<211> 546

<212> DNA

<213> Homo sapiens

<400> 103

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agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 104

<211> 546

<212> DNA

<213> Homo sapiens

<400> 104

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cgagccagag gatggagccg cgggcgcgt ggatagagca ggaggggccc gagtattggg	180
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agatcaccca gcgaagtgg gaggccccc gtgtgggga gcagttgaga gcctacctgg	480
agggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 105

<211> 897

<212> DNA

<213> Homo sapiens

<400> 105

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cgcggggagc cccgttcat cgccgtggc tacgtggac acacgcagtt cgtgcgggtc	180
gacagcgacg cccgcggcca gaggatggag cggccggcc cgtggataga gcaggagggg	240
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aacctgcgga	tcgcgtccg	ctactacaac	gagagcgagg	ccggttctca	caccctccag	360
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gcctacgacg	gcaaggatta	catgcctcg	aaagaggacc	tgcgtcttg	480	
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tggcagcggg	atggggagga	ccagaccag	gacacggagc	ttgtggagac	780	
ggggatggaa	ccttcagaa	gtggcagct	gtgggtgtac	cttctggaga	840	
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<210> 106

<211> 897

<212> DNA

<213> Homo sapiens

<400> 106

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cgcggggagc	cccgcttcat	cgccgtggc	tacgtggacg	acacgcagtt	cgtgcgggttc	180
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catgaggcca	cctgagatg	ctggccctg	ggcttctacc	ctgcccggat	720	
tggcagcggg	atggggagga	ccagaccag	gacacggagc	ttgtggagac	780	
ggggatggaa	ccttcagaa	gtggcagct	gtgggtgtac	cttctggaga	840	
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<210> 107

<211> 897

<212> DNA

<213> Homo sapiens

<400> 107

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cgcggggagc	cccgcttcat	cgccgtggc	tacgtggacg	acacgcagtt	cgtgcgggttc	180
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<210> 108

<211> 546

<212> DNA

<213> Homo sapiens

<400> 108

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agggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcage	540
gcacgg	546

<210> 109

<211> 897

<212> DNA

<213> Homo sapiens

<400> 109

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cgcgccggc cccgcgtcat cggcggtggc tacgtggacg acacgcagtt cgtgcgggtt	180
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ccggagttt gggacgagga gacaggaaa gtgaaggccc actcacagac tgaccgagag	300
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ggggatggaa cttccagaa gtgggcagct gtgggtgtac ctttggaga ggagcagaga	840
tacacctgccc atgtgcagca tgagggtctg cccaaaggccc tcaccctgag atgggag	897

<210> 110

<211> 546

<212> DNA

<213> Homo sapiens

<400> 110

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gcttcatgc cgtggctac gtggacgaca cgcatgtcg tggatcgac agcgacgccc	120
cgagccagag gatggagccg cggcgccgt ggatagagca ggaggggccg gatgttttggg	180
acgaggagac aggaaagtg aaggcccact cacagactga ccgagagaac ctgcggatcg	240
cgctccgcta ctacaaccag agcgaggccg gttctcacac cctccagatg atgtttggct	300
gcgacgtggg gtcggacggg cgcttcctcc gcggttacca ccagtatgcc tacgacggca	360
aggattacat cgccctgaaa gaggacctgc gctttggac cgcggccggac atggcggctc	420
agatcaccaa ggcgaagtgg gaggccggcc atgtggggaa gcagcagaga gcctacctgg	480
agggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcage	540
gcacgg	546

<210> 111

<211> 897

<212> DNA

<213> Homo sapiens

<400> 111

atggccgtca	tggcgc(cccg aaccctcg tc	ctgactct cggggccct gccc	60
cagac	cttcca ctccatgagg tatttctcca	catccgtgtc cggccggc	120
cgccgggagc	cccgcttcat cgccgtggc tacgtggacg	acacgcagt cgtcggttc	180
gac	cgacg gacg cccg gaggatggag	ccgcggcgc cgtgataga gcaggagg	240
ccggagtatt	gggacgagga gacaggaaa	gtgaaggccc actcacagac	300
aac	ctgcgga tcgcgtccg ctactacaac	cagagcgagg ccgttctca cacc	360
atgat	tttgcgtacgt ggggtcgac	gggcgttcc tccgcggta ccac	420
gcctac	gacgacg gcaaggatta catgc	ccctgaa agaggacc tgcgcttgc	480
gacat	ggcggg ctcagatcac caagcgca	aggccgggg cccatgtggc ggac	540
agagc	tggagggac tggcgtggag	tggtccgcata gatac	600
gagac	gctgc agcgcacgga ccccccaag	atgatgtgaa cccaccaccc	660
catg	gaggcca ctctgagatg ctggccctg	catctgtac cacactgacc	720
tggc	agcggg atggggagga ccagacc	tggtggagac caggc	780
ggggatggaa	ccttcagaa gtggcagct	gtgggtgtac ctctggaga ggac	840
tacac	ctgc atgtcagca tgagggtctg	caggagatggag	897

<210> 112

<211> 546

<212> DNA

<213> Homo sapiens

<400> 112

gctccca	actc catgaggat ttctccacat	ccgtgtcccg gcccggcgc ggggagccc	60
gctt	catcg cgtggctac	gtggacgaca cgcagttcg	120
cgag	ccagag gatggagccg	ccggcccggt ggtat	180
acg	aggagac aggaaaatg	ggactacat cacagactga	240
cg	ctccgcta ctacaaccag	ccatccatg atgtttgg	300
g	gacgtggg gtggacggg	ccgttcc	360
agg	attacat cgccctgaaa	ggtatcg	420
atg	tcaccaa gccaatgg	ggggccatgtgg	480
agg	ggcacgtg cgtggatgg	ctccgc	540
gcact	gatggagatggacat	ccatggagaa	546

<210> 113

<211> 897

<212> DNA

<213> Homo sapiens

<400> 113

atggccgtca	tggcgc(cccg aaccctcg tc	ctgactct cggggccct gccc	60
cagac	cttcca ctccatgagg tatttctcca	catccgtgtc cggccggc	120
cgccgggagc	cccgcttcat cgccgtggc tacgtggacg	acacgcagt cgtcggttc	180
gac	cgacg gacg cccg gaggatggag	ccgcggcgc cgtgataga gcaggagg	240
ccggagtatt	gggacgagga gacaggaaa	gtgaaggccc actcacagac	300
aac	ctgcgca ctactacaac	cagagcgagg ccgttctca cacc	360
atgat	tttgcgtacgt ggggtcgac	gggcgttcc tccgcggta ccac	420
gcctac	gacgacg gcaaggatta catgc	ccctgccc tggatggacg	480
gacat	ggcggg ctcagatcac caagcgca	ggggccatgtggc ggac	540
agagc	tggagggac tggcgtggac	gggtccgcata gatac	600
gagac	gctgc agcgcacgga ccccccaag	atgatgtgaa cccaccaccc	660
catg	gaggcca ctctgagatg ctggccctg	catctgtac cacactgacc	720
tggc	agcggg atggggagga ccagacc	tggtggagac caggc	780
ggggatggaa	ccttcagaa gtggcagct	gtgggtgtac ctctggaga ggac	840
tacac	ctgc atgtcagca tgagggtctg	caggagatggag	897

<210> 114
<211> 546
<212> DNA
<213> *Homo sapiens*

<400> 114	
gctcccaactc catgaggat ttcacat ccgtgtcccg gcccggccgc gggagcccc	60
gttcatcg cgtggctac gtggacgaca cgcgttcgt gcggttcgac agcgcacgccc	120
cgagccagag gatggagccg cggcgccgt ggatagagca ggaggggccc gagtattggg	180
acgaggagac aggaaagtg aaggccact cacagactga ccgagagaac ctgcggatcg	240
cgctccgcta ctacaaccag aegcaggccg gtttcacac cttccagat atgtttggct	300
gcgcacgtggg gtggacggg cgttccctcc ggggttacca ccagtacgcc tacgacggca	360
aggattacat cgccctgaaa gaggacctgc gctttggac cgccggggac atggcggctc	420
agatcaccca gcgcaagtgg gaggcgccc atgtggcgg a cagcagaga gcctaccctgg	480
agggcactgt cgtggacggg ctccgcagat acctggagaa cggaaaggag acgctgcagc	540
gcacgg	546

<210> 115
<211> 546
<212> DNA
<213> *Homo sapiens*

<400> 115	
gctccactc catgaggat ttctccacat cegtgtcccg gcccggccgc ggggagcccc	60
gttcatgcg cgtggctac gtggacgaca cgcagttcgt gcggttcgac agcgaacgccc	120
cgagccagag gatggagccg cgggcgcgt ggatagagca ggagggggccg gagtattggg	180
acgaggagac agggaaagtg aaggcccact cacagactga ccgagagaac ctgcggatcg	240
cgctccgcta ctacaaccag agcgaggccg gttctcacac cctccagatg atgtttggct	300
gcgacgtggg gtccggacggg cggttcctcc gcgggttacca ccagtacgcc tacgacggca	360
aggattacat cgccctgaaa gaggacctgc gctcttggac cgcggccggac atggcggctc	420
agatcaccaa gcgcaagtgg gaggcggccc atgtggccga gcagtggaga gcctacctgg	480
agggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 116.
<211> 897
<212> DNA
<213> *Homo sapiens*
<400> 116.

<210> 117
<211> 897

<212> DNA

<213> Homo sapiens

<400> 117

atggccgtca tggccccc	aaccctcg	ctgctactc	cggggccct	ggccctgacc	60
cagacctgg	caggctcca	atccatgagg	tatttctca	catcgctgc	120
cgccgggagc	cccgcttcat	cgccgtggc	tacgtggacg	acacgcagtt	180
gacagcgacg	ccgcgagcc	gaggatggag	ccgcggcgc	cgtgataga	240
ccggagat	tttggggaa	gacacggaa	gtgaaggccc	actcacagac	300
aacctgcgg	tcgcgtcc	ctactacaac	cagagcgagg	ccggttctca	360
atgattttgc	gtcgacgt	ggggctggac	gggcgttcc	tccgcggta	420
gcctacgacg	gcaaggatta	catgcctg	aaagaggacc	tgcgttgc	480
gacatggcg	ctcagatcac	caagcgcaag	tggaggcgg	ccatgtggc	540
agagccat	tggagggcac	gtcggtggac	gggcgtcc	gatactgga	600
gagacgtgc	agcgcacgg	cccccccaag	acacatatga	ccaccaccc	660
catgaggcca	ctctgagat	ctggccctg	ggcttctacc	ctcgaggat	720
tggcagggg	atggggagga	ccagacccag	gacacggac	tttgtggag	780
ggggatggaa	cttccagaa	gtggcagct	gtgggtgtac	tttctggaga	840
tacacgtcc	atgtcagca	ttagggctg	cccaagccc	tcacccttag	897

<210> 118

<211> 546

<212> DNA

<213> Homo sapiens

<400> 118

gctccactc	catgaggtat	ttctccacat	ccgtgtcc	ccccggcc	60
gcttcatgc	cgtggctac	gtggacaca	cgcagtct	cggttcgac	120
cgagccagag	gatggagcc	ccggcc	ggatagagca	ggagggcc	180
acgaggagac	aggaaagt	aaggccact	cacagactga	ccgagagaac	240
cgctccgcta	ctacaacc	agcgaggcc	gttctcac	cctccagat	300
gacgtgg	gtcgacgg	cgcttcc	cggttacca	ccagta	360
aggattacat	cgccctgaaa	gaggac	gtcttgac	cgccggcc	420
agatcaccaa	gcaagtgg	gaggcc	atgtggg	gcagcaga	480
aggccgg	cgtggag	ctccg	acctgg	cggaaggag	540
gcacgg					546

<210> 119

<211> 546

<212> DNA

<213> Homo sapiens

<400> 119

gctccactc	catgaggtat	ttctccacat	ccgtgtcc	ccccggcc	60
gcttcatgc	cgtggctac	gtggacaca	cgcagtct	cggttcgac	120
cgagccagag	gatggagcc	ccggcc	ggatagagca	ggagggcc	180
acgaggagac	aggaaagt	aaggccact	cacagactga	ccgagagaac	240
cgctccgcta	ctacaacc	agcgaggcc	gttctcac	cctccagat	300
gacgtgg	gtcgacgg	cgcttcc	cggttacca	ccagta	360
aggattacat	cgccctgaaa	gaggac	gtcttgac	cgccggcc	420
agatcaccaa	gcaagtgg	gaggcc	atgtggg	gcagttgaga	480
aggccacgt	cgtggacgg	ctccg	acctgg	cggaaggag	540
gcacgg					546

<210> 120<211> 546

<212> DNA

<213> Homo sapiens

<400> 120

gctcccaactc catgaggtat ttctccacat ccgtgtcccg gcccggccgc ggggagcccc	60
gcttcatcgc cgtggctac gtggacgaca cgcagtttgt gcggttgcac agcgacgccc	120
cgagccagag gatggagccg cgggcgcgt ggatagagca ggagggccgc gagtattggg	180
acgaggagac aggaaaagtg aaggcccact cacagactga ccgagagaac ctgcggatcg	240
cgctccgcta ctacaaccag agcgaggccg gtttcacac cgtccagagg atgtatggct	300
gcgacgtggg gtcggactgg cgcttcctcc gcggttacca ccagtacgcc tacgacggca	360
aggattacat cgccctgaaa gaggacctgc gctttggac cgcggccggac atggccggctc	420
agatcaccaa gcgcaagtgg gaggccgc atgtggccga gcagcagaga gcctacctgg	480
agggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 121

<211> 546

<212> DNA

<213> Homo sapiens

<400> 121

gctcccaactc catgaggtat ttctccacat ccgtgtcccg gcccggccgc ggggagcccc	60
gcttcatcgc cgtggctac gtggacgaca cgcagtttgt gcggttgcac agcgacgccc	120
cgagccagag gatggagccg cgggcgcgt ggatagagca ggagggccgc gagtattggg	180
acgaggagac aggaaaagtg aaggcccact cacagactga ccgagagaac ctgcggatcg	240
cgctccgcta ctacaaccag agcgaggccg gtttcacac cctccagatg atgtatggct	300
gcgacgtggg gccggacggg cgcttcctcc gcggttacca ccagtacgcc tacgacggca	360
aggattacat cgccctgaaa gaggacctgc gctttggac cgcggccggac atggccggctc	420
agatcaccaa gcgcaagtgg gaggccgc atgtggccga gcagcagaga gcctacctgg	480
agggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 122

<211> 546

<212> DNA

<213> Homo sapiens

<400> 122

gctcccaactc catgaggtat ttctccacat ccgtgtcccg gcccggccgc ggggagcccc	60
gcttcatcgc cgtggctac gtggacgaca cgcagtttgt gcggttgcac agcgacgccc	120
cgagccagag gatggagccg cgggcgcgt ggatagagca ggagggccgc gagtattggg	180
acgaggagac aggaaaagtg aaggcccact cacagactga ccgagagaac ctgcggatcg	240
cgctccgcta ctacaaccag agcgaggccg gtttcacac cctccagatg atgtttggct	300
gcgacgtggg gtcggacggg cgcttcctcc gcggttaccc gcaggacgcc tacgacggca	360
aggattacat cgccctgaaa gaggacctgc gctttggac cgcggccggac atggccggctc	420
agatcaccaa gcgcaagtgg gaggccgc atgtggccga gcagcagaga gcctacctgg	480
agggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 123

<211> 546

<212> DNA

<213> Homo sapiens

<400> 123

gctcccaactc catgaggtat ttctccacat ccgtgtcccg gcccggccgc ggggagcccc	60
gcttcatcgc cgtggctac gtggacgaca cgcagtttgt gcggttgcac agcgacgccc	120
cgagccagag gatggagccg cgggcgcgt ggatagagca ggagggccgc gagtattggg	180
acgaggagac aggaaaagtg aaggcccact cacagactga ccgagagaac ctgcggatcg	240
cgctccgcta ctacaaccag agcgaggccg gtttcacac cctccagatg atgtttggct	300

gcgacgtgg gtcggacggg cgcttcctcc	60
cggggtacca ccagtacgcc tacgacggca	420
aggattacat cgccctgaaa gaggacctgc	480
gctcttggac cgccggggac atggcggctc	540
agatcaccaa gcgcaagtgg gaggcggccc	
atgaggcggaa gcagttgaga gcctacctgg	
atggcacgtg cgtggagtgg ctccgcagat	
acctggagaa cgggaaggag acgctgcagc	
gcacgg	546

<210> 124
<211> 546
<212> DNA
<213> Homo sapiens

<400> 124	
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gcccggccgc ggggagcccc	120
gcttcatcgc cgtggctac gtggacgaca cgcatcgat	180
cgccggccgt ggatagagca ggagggggccg gatgttgggg	240
acgaggagac agggaaagtgg aaggccact cacagactga	300
ccgagtgac ctggggaccc	360
tgcggccta ctacaaccag agcgaggacg gttctcacac	420
cctccagatg atgtttggct	480
gcaacgtgg gtcggacggg cgcttcctcc	540
cggggtacca ccagtacgcc tacgacggca	
aggattacat cgccctgaaa gaggacctgc	
gctcttggac cgccggggac atggcggctc	
agatcaccaa gcgcaagtgg gaggcggccc	
atgaggcggaa gcagcagaga gcctacctgg	
agggcacgtg cgtggacggg ctccgcagat	
acctggagaa cgggaaggag acgctgcagc	
gcacgg	546

<210> 125
<211> 546
<212> DNA
<213> Homo sapiens

<400> 125	
gctcccaatc catgaggtat ttctccacat ccgtgtcccg	60
gcccggccgc ggggagcccc	120
gcttcatcgc cgtggctac gtggacgaca cgcatcgat	180
cgccggccgt ggatagagca ggagggggccg gatgttgggg	240
acgaggagac agggaaagtgg aaggccact cacagactga	300
ccgagagaac ctgcggatcg	360
cgctccgcta ctacaaccag agcgaggccg gttctcacac	420
cctccagatg atgtttggct	480
gcaacgtgg gtcggacggg cgcttcctcc	540
cggggtacca ccagtacgcc tacgacggca	
aggattacat cgccctgaaa gaggacctgc	
gctcttggac cgccggggac atggcggctc	
agatcaccaa gcgcaagtgg gaggcggccc	
atgaggcggaa gcagcagaga gcctacctgg	
agggcacgtg cgtggacggg ctccgcagat	
acctggagaa cgggaaggag acgctgcagc	
gcacgg	546

<210> 126
<211> 546
<212> DNA
<213> Homo sapiens

<400> 126	
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gcccggccgc ggggagcccc	120
gcttcatcgc cgtggctac gtggacgaca cgcatcgat	180
cgccggccgt ggatagagca ggagggggccg gatgttgggg	240
acgaggagac agggaaagtgg aaggccact cacagactga	300
ccgagagaac ctgcggatcg	360
cgctccgcta ctacaaccag agcgaggccg gttctcacac	420
cctccagatg atgtttggct	480
gcaacgtgg gtcggacggg cgcttcctcc	540
cggggtacca ccagtacgcc tacgacggca	
aggattacat cgccctgaaa gaggacctgc	
gctcttggac cgccggggac atggcggctc	
agatcaccaa gcgcaagtgg gaggcggccc	
atgaggcggaa gcagcagaga gcctacctgg	
agggcacgtg cgtggacggg ctccgcagat	
acctggagaa cgggaaggag acgctgcagc	
gcacgg	546

<210> 127
<211> 897
<212> DNA
<213> Homo sapiens

<400> 127

atggccgtca tggcgccccg aaccctcgic ctgctactct cggggccct gcccctgacc	60
cagacctggg caggctcca ctccatgagg tatttctcca catccgttc cccggccggc	120
cgcggggagc cccgctcat cccgtgggc tacgtggacg acacgcagt cgtcggttc	180
gacagcgacg ccgcgagccg gaggatggag ccgcggccgc cgtggataga gcaggaggg	240
ccggagtatt gggacgagga gacaggaaa gtgaaggccc actcacagac tgaccgagag	300
aacctgcgga tcgcgtccg ctactacaac cagagcgagg ccggttctca caccctccag	360
atgatgtttg gctgcgacgt ggggtcgac gggcgcttc tccgcggta ccaccagtac	420
gcctacgacg gcaaggatta catgcctcg aaagaggacc tgcgctctg gaccgcggcg	480
gacatggcg ctcagatcac caagcgcaag tgggaggccg cccatgtggc ggacgcgtgg	540
agagtctacc tggagggcac gtgcgtggag tggctccga gataactgga gaacggaaag	600
gagacgcgtgc agegcacgga ccccccaag acacatatga cccacccatcc catctctgac	660
catgaggcca ctctgagatg ctggccctg ggcttctacc ctgcggagat cacactgacc	720
tggcagcggg atggggagga ccagacccag gacacggagc ttgtggagac caggcctgca	780
ggggatggaa cttccagaa gtggcagct gtggtggtac ctctggaga ggacgcagaga	840
tacacctgcc atgtcagca tgagggtctg cccaaaggccc tcacccttag atggag	897

<210> 128
<211> 546
<212> DNA
<213> Homo sapiens

<400> 128

gctcccaactc catgaggtat ttctccacat ccgtgtcccg gcccggccgc ggggagccccc	60
gcttcatcgc cgtgggtacat gtggacgaca cgcgttcgt cggttgcac agcgcacccg	120
cgagccagag gatggagccg cggggccgt ggatagagca ggagggccg gatgtttggg	180
acgaggagac aggaaatgt aaggccact cacagactga ccgagagaac ctgcggatcg	240
cgctccgcta ctacaaccag agcgaggccg gttctcacac ctcctcagatg atgtttggc	300
gcfgacgtggg gtggacggg cgcttcctcc ggggttacca ccagtaaccc tacgacggca	360
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agatcaccaa ggcgaatgtgg gaggccccc atgtggccgaa gcagcagaga gcctacctgg	480
agggcacgtg cgtggactgg ctccgcagat acctggagaa cgggaaggag acgcgtgcagc	540
gcacgg	546

<210> 129
<211> 546
<212> DNA
<213> Homo sapiens

<400> 129

gctcccaactc catgaggtat ttctccacat ccgtgtcccg gcccggccgc ggggagccccc	60
gcttcatcgc cgtgggtacat gtggacgaca cgcgttcgt cggttgcac agcgcacccg	120
cgagccagag gatggagccg cggggccgt ggatagagca ggagggccg gatgtttggg	180
acccggaaac acggaatgtg aaggccact cacagactga ccgagagaac ctgcggatcg	240
cgctccgcta ctacaaccag agcgaggccg gttctcacac ctcctcagatg atgtttggc	300
gcfgacgtggg gtggacggg cgcttcctcc ggggttacca ccagtaaccc tacgacggca	360
aggattacat cgccctgaaa gaggacctgc gctcttggac cgccggccg atggccgctc	420
agatcaccaa ggcgaatgtgg gaggccccc gtgtggccgaa gcagcagaga gcctacctgg	480
agggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgcgtgcagc	540
gcacgg	546

<210> 130
<211> 546
<212> DNA

<213> Homo sapiens

<400> 130

gctcccaactc catgaggtgt ttctccacat ccgtgtcccg	60
gccccggccgc ggggagcccc	
gcttcatcg cgtggctac gtggacgaca cgcatgtgt	120
cgccggccgt ggatagagca ggagggccg gagtattggg	180
acgaggagac aggaaagtg aaggcccact cacagactga	240
ccgagagaac ctgcggatcg	
cgctccgcta ctacaaccag agcgaggccg gttctcacac	300
cctccagatg atgtttggct	
gcgacgtggg gtcggacggg cgcttcctcc	360
cgccggatcca ccagtacgac tacgacggca	420
aggattacat cgccctgaaa gaggacatgc	480
gctcttggac cgccggggac atggcggc	
agatcaccaa gcgcaagtgg gaggccccc atgtggcga	540
gcagcagaga gcctacctgg	
agggcacgtg cgtggacggg ctccgcagat acctggagaa	546
cgggaggag acgetgcage	
gcacgg	

<210> 131

<211> 599

<212> DNA

<213> Homo sapiens

<400> 131

aaccctcctc ctgtactct cggggccct ggccctgacc	60
cagacacctggg caggctccca catccgtgtc	120
cgccggccgc cgccggggac cccgcttcat	
cgccgtgggc tacgtggacg acacgcagtt	180
cgatgcggttc gacagegcacg cccgcgagca	
gaggatggag cccgcggcgc cgtggataga	240
gcaggagggg cggaggatatt gggacgagga	
gacaggaaaa gtgaaggccc actcacagac	300
tgaccgagag aacctgcgga tgcgtccg	
ctactacaac cagagcgagg cccgttctca	360
caccctccag atgatgttt gctgcgacgt	
ggggtcggac gggcgcttcc tccacgggta	420
ccaccaggatc gctacgcac	
catgcctcg aaagaggacc tgcgtcttg	480
gaccgcggcg gacatggcgg ctcagatcac	
caagcgaag tggaggcgg cccatgtggc	540
ggagcagcag agagectacc tggaggcgcac	
gtgcgtggac gggctccgca gatacctgga	599
gaacggaaag gagacgctgc agcgacgg	

<210> 132

<211> 619

<212> DNA

<213> Homo sapiens

<400> 132

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tatttctcca catccgtgtc cccgcggc	180
cgccggggac cccgcttcat cccgtgggc	
tacgtggacg acacgcagtt cgtcggttc	
gacagcgacg cccgcggcgc gaggatggag	240
ccggccgtggac gctggataga	
gcaggagggg gacaggaaaa gtgaaggccc	300
actcacagac tgaccgagag	
aacctgcgga tgcgtccg ctactacaac	360
cagagcgagg cccgttctca caccctccag	
atgatgttt gctgcgacgt ggggtcggac	420
gggcgttcc tccgcgggta ccaccaggatc	
gctacgcac gcaaggatta catgcctcg	480
aaagaggacc tgcgtcttg gaccgcggcg	
gacaggcgg ctcaagatcac caagcgaag	540
tggaggcgg cccatgtggc ggagcagcag	
agagcctacc tggaggcgcac gtgcgtggac	600
gggcgtccgca gatacctgga gaacggaaag	
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<210> 133

<211> 546

<212> DNA

<213> Homo sapiens

<400> 133

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cgccggccgt ggatagagca ggagggccg gagtattggg	180

acgaggagac	agggaaagt	aaggcccact	cacagactca	ccgagtggac	ctggggaccc	240
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cgacgtggg	gtcgacggg	cgcttcctcc	gccccgtacca	ccagta	ccgacggca	360
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agatcaccaa	gwgcaagtgg	gaggcggccc	atgtggcgga	gcagcagaga	gcctacctgg	480
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<210> 134
<211> 546
<212> DNA
<213> Homo sapiens

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g	cgacgtggg	gtcgacggg	cgcttcctcc	gccccgtacca	ccagta	360
aggattacat	cgcctgaaa	gaggacctgc	gcttggac	cgccggac	atggcggctc	420
agatcaccaa	gwgcaagtgg	gaggcggccc	atgtggcgga	gcagcagaga	gcctacctgg	480
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gcacgg						546

<210> 135
<211> 546
<212> DNA
<213> Homo sapiens

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cgagccagag	gatggagccg	cggcgccgt	ggatagagca	ggaggggccc	gagtattggg	180
acgaggagac	aggaaagt	aaggcccact	cacagactca	ccgagagaac	ctggatcg	240
cgctccgcta	ctacaaccag	agcgaggccg	gttctcacac	cctccagatg	atgtttggct	300
g	cgacgtggg	gtcgacggg	cgcttcctcc	gccccgtacca	ccagta	360
aggattacat	cgcctgaaa	gaggacctgc	gcttggac	cgccggac	atggcggctc	420
agatcaccaa	gwgcaagtgg	gaggcggccc	atgtggcgga	gcagcagaga	gcctacctgg	480
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gcacgg						546

<210> 136
<211> 546
<212> DNA
<213> Homo sapiens

<400>	136					
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g	cgacgtggg	gtcgacggg	cgcttcctcc	gccccgtacca	ccagta	360
aggattacat	cgcctgaaa	gaggacctgc	gcttggac	cgccggac	atggcggctc	420
agatcaccaa	gwgcaagtgg	gaggcggccc	atgtggcgga	gcagcagaga	gcctacctgg	480
agggcacgtg	cgtggacggg	ctccgcagat	acctggagaa	cgggaaggag	acgctgcagc	540

gcacgg **546**

<210> 137
<211> 546
<212> DNA
<213> Homo sapiens

<400> 137

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cgagccagag gatggagccg cggcgccgt ggatagagca ggagggccg gatgttggg	180
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aggattacat cgccctgaaa gaggacatgc gctctggac cggcgccgac atggcggtc	420
agatcaccaa ggcgaagtgg gagggggccc atgtggggaa gcagcagaga gcctacctgg	480
agggcacgtg cgtggacggg ctccgcatat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 138
<211> 822
<212> DNA
<213> Homo sapiens

<400> 138

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cgagccagag gatggagccg cggcgccgt ggatagagca ggagggccg gatgttggg	180
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agatcaccaa ggcgaagtgg gagggggccc atgtggggaa gcagcagaga gcctacctgg	480
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tgaggtgtg ggcctgagc ttctaccctg cggagatcac actgacactgg cagcggatg	660
gggaggacca gaccaggac acggagctcg tggagaccag gcctgcaggatggaaacct	720
tccagaagtgg ggcggctgtg gtgggtgcctt ctggacagggaa gcagagatac acctgcacat	780
tgcagcatga gggtttgc aagccctca ccctgagatgg	822

<210> 139
<211> 546
<212> DNA
<213> Homo sapiens

<400> 139

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cgagccagag gatggagccg cggcgccgt ggatagagca ggagggccg gatgttggg	180
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gcgacgtgg gtcggacggg cgcttcctcc ggggttacca ccagtacgcc tacgacggca	360
aggattacat cgccctgaaa gaggacatgc gctctggac cggcgccgac atggcggtc	420
agatcaccaa ggcgaagtgg gagggggccc atgtggggaa gcagcagaga gcctacctgg	480
agggcacgtg cgtggacggg ctccgcatat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 140
<211> 546
<212> DNA
<213> Homo sapiens

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agatcaccaa ggcgaagtgg gagggccccc atgtggcga gcagcagaga gcctacctgg 480
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gcacgg 546

<210> 141
<211> 546
<212> DNA
<213> Homo sapiens

<400> 141
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cgagccagag gatggagctg cggcgccgt ggatagagca ggaggggccc gagtattggg 180
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agatcaccaa ggcgaagtgg gagggccccc atgtggcga gcagcagaga gcctacctgg 480
aggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
gcacgg 546

<210> 142
<211> 546
<212> DNA
<213> Homo sapiens

<400> 142
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cgagccagag gatggagccg cggcgccgt ggatagagca ggaggggccc gagtattggg 180
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agatcaccaa ggcgaagtgg gagggccccc atgtggcga gcagcagaga gcctacctgg 480
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gcacgg 546

<210> 143
<211> 898
<212> DNA
<213> Homo sapiens

<400> 143
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cgcggggagc cccgcttcat cgccgtggc tacgtggacg acacgcagtt cgtcggttc	180
gacagcgcacg ccgcgagcca gaggatggag ccgcgggcgc cgtggataga gcaggaggg	240
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gcttacgacg gcaaggatta catgcctcg aacgaggacc tgcgctcttgc accgcggcg	480
gacatggcg ctcagatcac ccagcgcacgg tggagacgg cccatgaggc ggagcagtgg	540
agagcttacc tggaggcccg gtgcgtggag tggctccca gatacctgga bgaacgggaa	600
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ctggcagcgg gatggggagg accagaccca ggacacggag ctgtggaga ccaggctgc	780
aggggatggg accttccaga atgcccgtc tgggtgtgc cttctggac aggacgag	840
atacaccctgc catgtcagc atgagggtct gcacaagccc tcaccctga gatggag	898

<210> 144

<211> 897

<212> DNA

<213> Homo sapiens

<400> 144

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cgcggggagc cccgcttcat cgccgtggc tacgtggacg acacgcagtt cgtcggttc	180
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ccggagtatt gggaccggaa cacacggaat gtgaaggccc agtcacagac tgaccgagag	300
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gcttacgacg gcaaggatta catgcctcg aacgaggacc tgcgctcttgc accgcggcg	480
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gagacgctg aegcgcacgg cggcccaag acgcataatg ctcaccacgc tgtctcg	660
catgaggcc caaccgttg ctggccctt accgttctacc ctgcggagat cacactgacc	720
tggcagcggg atggggaggaa ccagacccaa gacacggagc ctgtggagac caggctgc	780
ggggatggg cttccagaa gtggcgctc tgggtgtgc cttctggaca ggacgagaga	840
tacaccctgc atgtcagc tgagggtctt cccaaagcccc tcaccctgag atggag	897

<210> 145

<211> 546

<212> DNA

<213> Homo sapiens

<400> 145

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cgagccagag gatggagccg cggccgcgtt ggatagagca ggagggggccg gatgtattgg	180
accggAACAC acggAAATGT aaggccact cacagactga cggagagacg ctgcggatcg	240
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agggccgggt cgtggagttt ccgcgcagat acctggagaa cggaaaggag acgctgcagc	540
gcacgg	546

<210> 146

<211> 546

<212> DNA

<213> Homo sapiens

<400> 146

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cgagccagag gatggagccg cgggcccgt ggatagagca ggagggccg gagtattggg	180
accggAACAC acgaaatgt aaggcccact cacagactga ccgagagagc ctgcggatcg	240
cgctccgcta ctacaaccag agcgaggacg gttctcacac catccagagg atgtatggct	300
gcgacgtggg gcccggacgg cggttccgc ggggtacca gcaggacgct tacgacggca	360
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aggggccgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 147

<211> 897

<212> DNA

<213> Homo sapiens

<400> 147

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cgcggggagc cccgttcat cgccgtggc tacgtggacg acacgcgat cgtcggttc	180
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ccggagtatt gggacggaa cacacggat gtgaaggccc actcacagac tgaccgagcg	300
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aggatgtatg gctgcacgt gggccggac gggcgttcc tccggggta ccagcaggac	420
gcttacacgc gcaaggatta catgccttg aacgaggacc tgccgttgc gaccggccg	480
gacatggcg ctcagatcac ccagcgcaag tggagacgg cccatgaggc ggagcagtgg	540
agagcttacc tggagggccg gtgcgtggag tggctccga gatacctggaa gaacgggaag	600
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tggcagccgg atggggagga ccagacccag gacacggacc tcgtggagac caggctgc	780
ggggatgggaa cttccagaa tggggcgtct gtgggtgc ctctggaca ggacggaga	840
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<210> 148

<211> 897

<212> DNA

<213> Homo sapiens

<400> 148

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cgcggggagc cccgttcat cgccgtggc tacgtggacg acacgcgat cgtcggttc	180
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ccggagtatt gggacggaa cacacggat gtgaaggccc actcacagac tgaccgagcg	300
aacctgggg aacccgttcat cttccgtggc tttccatgaggc caccatccag	360
aggatgtatg gctgcacgt gggccggac gggcgttcc tccggggta ccagcagaac	420
gcttacacgc gcaaggatta catgccttg aacgaggacc tgccgttgc gaccggccg	480
gacatggcg ctcagatcac ccagcgcaag tggagacgg cccatgaggc ggagcagtgg	540
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ggggatgggaa cttccagaa tggggcgtct gtgggtgc ctctggaca ggacggaga	840
tacacctgcc atgtgcagca tgagggtctg cccaaaggcccc tcaccctgag atgggg	897

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<212> DNA
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<400> 149
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cgcggggagc cccgttcat cggcgtggc tacgtggacg acacgcgtt cgtcggttc 180
gacagcgacg ccgcgagcca gaggatggag ccgcggcgc cgtggataga gcaggaggg 240
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gacatggcg ctcagatcac ccagcgtcaag tggagacgg cccatgaggc ggagcagtgg 540
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<210> 150
<211> 897
<212> DNA
<213> Homo sapiens

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cgcggggagc cccgttcat cggcgtggc tacgtggacg acacgcgtt cgtcggttc 180
gacagcgacg ccgcgagcca gaggatggag ccgcggcgc cgtggataga gcaggaggg 240
ccggagtatt gggacccgaa cacacgaa gtgaaggccc actcacagac tgaccgagcg 300
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aggatgtatg gtcgtgcgtt gggccggac gggcgcttcc tccggggta ccagcaggac 420
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gacatggcg ctcagatcac ccagcgtcaag tggagacgg cccatgaggc ggagcagtgg 540
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ggggatgggaa cttccagaa gtggcgctt gtttgttgc cttctggaca ggagcagaga 840
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<210> 151
<211> 897
<212> DNA
<213> Homo sapiens

<400> 151
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cgcggggagc cccgttcat cggcgtggc tacgtggacg acacgcgtt cgtcggttc 180
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gacatggcgg ctcagatcac ccagcgcaag tgggagacgg cccatgaggc ggagcagtgg	540
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gagacgcgtc agcgcacggc cgcccccaag acgcataatga ctcaccacgc tgtcttgac	660
catgaggcca cctcgagggtc ctggggccctg agcttctacc ctgcggagat cacactgacc	720
tggcagcggg atggggagga ccagacccag gacacggagc tcgtggagac caggcctgca	780
ggggatggga cttccagaa gtgggggtct gtgttgtgc ttctggaca ggagcagaga	840
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<210> 152

<211> 546

<212> DNA

<213> Homo sapiens

<400> 152

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cgagccagag gatggagccg cggggccgtt ggatagagca ggagggcccg gaggatttggg	180
accggaaacac acggaaatgtg aaggcccaact cacagactca cgcgcgtggac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggacg gtttcacac catccagagg atgtatggct	300
gcgcacgtggg gcccggacggg cgttccctcc ggggttacca gggggacgt tacgacggca	360
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gcacgg	546

<210> 153

<211> 897

<212> DNA

<213> Homo sapiens

<400> 153

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cgcggggagc cccgcttcat cgcgcgtggc tacgtggacg acacgcagtt cgtgcgggttc	180
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ccggagtttggg gggacggggaa gacacggaaa gtgaaggccc actcacagac tgaccgacg	300
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tggcagcggg atggggagga ccagacccag gacacggagc tcgtggagac caggcctgca	780
ggggatggga cttccagaa gtgggggtct gtgttgtgc ttctggaca ggagcagaga	840
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<210> 154

<211> 897

<212> DNA

<213> Homo sapiens

<400> 154

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cgcggggagc cccgcttcat cgcgcgtggc tacgtggacg acacgcagtt cgtgcgggttc	180
gacagcgcacg cgcgcacggca gaggatggag cgcggccgc cgtggataga gcaggagggg	240

ccggaggatt	gggaccggaa	cacacggaa	gtgaaggccc	actcacagac	tgaccgagcg	300
aacctgggga	ccctgcgcgg	ctactacaac	cagagcagg	acggttctca	caccatccag	360
aggatgtatg	gctgcgacgt	ggggccggac	gggcgcctcc	tccggggta	ccagcaggac	420
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ggggatggga	cctccagaa	gtggcgtct	gtggtggtgc	cttctggaca	ggagcagaga	840
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<210> 155

<211> 546

<212> DNA

<213> Homo sapiens

<400> 155

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cgagccagag	gatggagccg	cgggcgcgt	ggatagagca	ggagggccg	gagtattggg	180
accggAACAC	acgaaatgtg	aaggcccact	cacagactga	ccgagcgaac	ctggggaccc	240
tgcgcggcta	ctacaaccag	agcgaggacg	gttctcacac	catccagagg	atgtatggct	300
gcgacgtgg	gccggacggg	cgcttcctcc	gcgggtacca	gcaggacgt	tacgacggca	360
aggattacat	cgcctgaac	gaggacctgc	gtcttgac	cgccggggac	atggcggctc	420
agatcaccca	gcgcaagtgg	gagacggccc	atgaggcgg	gcagtggaga	gcctacctgg	480
agggcacgt	cgtggagtgg	ctccgcagat	acctggagaa	cgggaaggag	acgctgcagc	540
gcacgg						546

<210> 156

<211> 546

<212> DNA

<213> Homo sapiens

<400> 156

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gcttcatcgc	cgtggctac	gtggacgaca	cgcagtctgt	gcgggttcgac	agcgacgcgg	120
cgagccagag	gatggagccg	cgggcgcgt	ggatagagca	ggagggccg	gagtattggg	180
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tgcgcggcta	ctacaaccag	agcgaggacg	gttctcacac	catccagagg	atgtatggct	300
gcgacgtgg	gccggacggg	cgcttcctcc	gcgggtacca	gcaggacgt	tacgacggca	360
aggattacat	cgcctgaaa	gaggacctgc	gtcttgac	cgccggggac	atggcggctc	420
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agggccgggt	cgtggagtgg	ctccgcagat	acctggagaa	cgggaaggag	acgctgcagc	540
gcacgg						546

<210> 157

<211> 546

<212> DNA

<213> Homo sapiens

<400> 157

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cgagccagag	gatggagccg	cgggcgcgt	ggatagagca	ggagggccg	gagtattggg	180
accggAACAC	acgaaatgtg	aaggcccact	cacagactga	ccgagcgaac	ctggggaccc	240
tgcgcggcta	ctacaaccag	agcgaggacg	gttctcacac	catccagagg	atgtatggct	300

gcgacgtggg gccggacggg cgcttcctcc gcgggtacca gcaggacgct tacgacggca
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 agatcaccca ggcgaagtgg gagacggccc atgtggcggaa gcagtggaga gcctacctgg
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 gcacgg 546

<210> 158
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 158
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 cgagccagag gatggagccg cggcgccgt ggatagagca ggaggggccc gatgttggg 180
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 agatcaccca ggcgaagtgg gagacggccc atgaggcggaa gcagtggaga gcctacctgg 480
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 gcacgg 546

<210> 159
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 159
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 cgagccagag gatggagccg cggcgccgt ggatagagca ggaggggccc gatgttggg 180
 accggaaacac acggaaatgtg aaggccact cacagactga cggagcgaac ctggggaccc 240
 tgcggcta ctacaaccag aegcggggacg gtttcacac catccagagg atgtatggct 300
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 aggattacat cgccctgaac gaggacctgc gctttggac cggcgggac atggcggctc 420
 agatcaccca ggcgaagtgg gagacggccc atgaggcggaa gcagtggaga gcctacctgg 480
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<210> 160
 <211> 897
 <212> DNA
 <213> Homo sapiens

<400> 160
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 cggggggagc cccgcgtcat cggcggtggc tacgtggacg acacgcgtt cgtgggttg 180
 gacagcgcacg cggcgagcca gaggatggg cggcgccgc cgtggataga gcaggagg 240
 cggaggtatt gggacggaa cacacggaaat gtgaaggccc actcacagac tgaccgagcg 300
 aaccctgggg ccctgcgcgg ctactacaac cagagcgagg acggctctca caccatccag 360
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 gacatggcgg ctccatgac ccacgcggaa tggagggacgg cccatgaggc ggacgagtgg 540
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ggggatggga cttccagaa gtggcgctt gtgggttgtc ctctgaca ggagcagaga	840
tacacctgcc atgtcagca tgagggtctg cccaagcccc tacccttag atggag	897

<210> 161
<211> 546
<212> DNA
<213> Homo sapiens

<400> 161	
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cgagccagag gatggagccg cggcgccgt ggatagagca ggagggccg gagtattggg	180
accggAACAC acgaaatgtg aaggcccact cacagactga ccgagcgaac ctggggaccc	240
tgcggcgta ctacaaccag agcgaggacg gttctcacac catccagagg atgtatggct	300
gacgtggg gccggacggg cgcttcctcc ggggtacca gcaggacgct tacgacggca	360
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agatcaccca ggcgaagtgg gagacggccc atgaggcggg gcagtggaga gcctacctgg	480
aggccgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 162
<211> 546
<212> DNA
<213> Homo sapiens

<400> 162	
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cgagccagag gatggagccg cggcgccgt ggatagagca ggagggccg gagtattggg	180
accggAACAC acgaaatgtg aaggcccact cacagactga ccgagcgaac ctggggaccc	240
tgcggcgta ctacaaccag agcgaggacg gttctcacac catccagagg atgtatggct	300
gacgtggg gccggacggg cgcttcctcc ggggtacca gcaggacgct tacgacggca	360
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agatcaccca ggcgaagtgg gagacggccc atgaggcggg gcagtggaga gcctacctgg	480
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gcacgg	546

<210> 163
<211> 546
<212> DNA
<213> Homo sapiens

<400> 163	
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cgagccagag gatggagccg cggcgccgt ggatagagca ggagggccg gagtattggg	180
accggAACAC acgaaatgtg aaggcccact cacagactga ccgagcgaac ctggggaccc	240
tgcggcgta ctacaaccag agcgaggacg gttctcacac catccagagg atgtatggct	300
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agatcaccca ggcgaagtgg gagacggccc gtgtggcggg gcagtggaga gcctacctgg	480
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gcacgg	546

<210> 164

<211> 897
<212> DNA
<213> Homo sapiens

<400> 164

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cgcggggagc cccgctcat cgccgtggc tacgtggacg acacgcagtt cgtcggttt	180
gacagcgacg ccgcgagcca gaggatggag ccgcggcac cgtggataga gcaggaggg	240
ccggagtatt gggacactgca gacacggaat gtgaaggccc agtcacagac tgaccgagcg	300
aacctggga ccctgcgcgg ctactacaac cagagcgagg ccgttctca caccatccag	360
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gcctacgacg gcaaggatta catgccttg aacgaggacc tgcgccttg gaccgcggcg	480
gacatggcg ctcagatcac ccagcgcaag tgggaggcg ccgtgtggc ggacgcgttg	540
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catgaggcca ccctgagggtg ctggccctg agttctacc ctgcggagat cacactgacc	720
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ggggatggaa cttccagaa gtggcgtct gtgggtgtc cttctggaca ggacgcagaga	840
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<210> 165

<211> 897
<212> DNA
<213> Homo sapiens

<400> 165

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cgcggggagc cccgctcat cgccgtggc tacgtggacg acacgcagtt cgtcggttt	180
gacagcgacg ccgcgagcca gaggatggag ccgcggcac cgtggataga gcaggaggg	240
ccggagtatt gggacactgca gacacggaat gtgaaggccc agtcacagac tgaccgagcg	300
aacctggga ccctgcgcgg ctactacaac cagagcgagg ccgttctca caccatccag	360
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gacatggcg ctcagatcac ccagcgcaag tgggaggcg ccgtgtggc ggacgcgttg	540
agagcctacc tggaggccac gtgcgtggag tggctccga gataacctgga gaacgggaag	600
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tggcagcggg atggggagga ccagacccag gacacggagc ttgtggagac caggcctgca	780
ggggatggaa cttccagaa gtggcgtct gtgggtgtc cttctggaca ggacgcagaga	840
tacacctgcc atgtcagca tgagggtctg cccaagcccc tcaccctgag atggag	897

<210> 166

<211> 897
<212> DNA
<213> Homo sapiens

<400> 166

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cgcggggagc cccgctcat cgccgtggc tacgtggacg acacgcagtt cgtcggttt	180
gacagcgacg ccgcgagcca gaggatggag ccgcggcac cgtggataga gcaggaggg	240
ccggagtatt gggacactgca gacacggaat gtgaaggccc agtcacagac tgaccgagcg	300
aacctggga ccctgcgcgg ctactacaac cagagcgagg ccgttctca caccatccag	360
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catgaggcca ccctgaggtg ctggccctg agcttctacc ctgcggagat cacactgacc	720
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ggggatggaa cttccagaa gtggcgtct gtggtggtgc ctctggaca ggagcagaga	840
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<210> 167
<211> 546
<212> DNA
<213> Homo sapiens

<400> 167	
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cgagccagag gatggagccg cgggcaccgt ggatagagca ggagggggccg gagtattggg	180
acctgcagac acggcatgtg aaggcccagt cacagactga ccgagcgaac ctggggaccc	240
tgcgcggcta ctacaaccag aegcaggcccg gttctcacac catccagatg atgtatggct	300
gcgacgtggg gtggacgccc cgcttcctcc gcgggttaccg gcaggacgccc tacgacggca	360
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gcacgg	546

<210> 168
<211> 546
<212> DNA
<213> Homo sapiens

<400> 168	
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cgagccagag gatggagccg cgggcaccgt ggatagagca ggagggggccg gagtattggg	180
acctgcagac acggaaatgtg aaggcccagt cacagactga ccgagcgaac ctggggaccc	240
tgcgcggcta ctacaaccag aegcaggcccg gttctcacac catccagatg atgtatggct	300
gcgacgtggg gtggacgccc cgcttcctcc gcgggttaccg gcaggacgccc tacgacggca	360
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agatcaccca gcgcaagtgg gaggcggccc atgaggccgaa gcagcagaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 169
<211> 546
<212> DNA
<213> Homo sapiens

<400> 169	
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cgagccagag gatggagccg cgggcaccgt ggatagagca ggagggggccg gagtattggg	180
acctgcagac acggaaatgtg aaggcccagt cacagactga ccgagcgaac ctggggaccc	240
tgcgcggcta ctacaaccag aegcaggcccg gttctcacac catccagatg atgtatggct	300
gcgacgtggg gtggacgccc cgcttcctcc gcgggttaccg gcaggacgccc tacgacggca	360
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agatcaccca gcgcaagtgg gaggcggccc gtgtggccgaa gcagttgaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 170
<211> 546
<212> DNA
<213> Homo sapiens

<400> 170

gctcccaactc catgaggtat ttcaccacat ccgtgtcccg gcccggccgc ggggagcccc	60
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cgagccagag gatggagccg cgggcaccgt ggatagagca ggaggggccc gagtattggg	180
acctgcacac acggaatgtg aaggccagt cacagactga cgcgacgaaac ctggggaccc	240
tgcgcggcta ctacaaccag akgaggccg gtttcacac cctccagatg atgtttggct	300
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agatcaccca ggcgaagtgg gaggccccc gtgtggcggaa gcagttgaga gcctacctgg	480
aggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 171
<211> 897
<212> DNA
<213> Homo sapiens

<400> 171

atggccgtca tggcccccgg aaccctcctc ctgtactctcg cggggccct ggccctgacc	60
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agtggagagc cccgcctcat cgcagtgccg tacgtggacg acacgcagtt cgtcggttcc	180
gacagcgcacg cgcgcagccg gaggatggag cgcggggcgc cgtggataga gcaggagagg	240
cctgagtatt gggaccagga gacacggaaat gtgaaggccc agtcacagac tgaccgagtg	300
gacctggggg ccctgcgcgg ctactacaac cagagcggagg cgggttctca caccatccag	360
ataatgtatg gctgcacgt ggggtcggac gggcgttcc tccggggta tgaacagcac	420
gcctacgcacg gcaaggatta catgcctcg aacgaggacc tgcgtcttg gaccgcggcg	480
gacatggcgg ctcagatcac ccagcgcacg tgggaggcgg cccgttggc ggagcagttg	540
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ggggatggaa cttccagaa gtggccggct gtgtgggtgc ttctggaga ggaggcagaga	840
tacacctgccc atgtgcagca tgagggtctcg ccaagcccc tcaccctgag atggggag	897

<210> 172
<211> 887
<212> DNA
<213> Homo sapiens

<400> 172

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agtggagagc cccgcctcat cgcagtgccg tacgtggacg acacgcagtt cgtcggttcc	180
gacagcgcacg cgcgcagccg gaggatggag cgcggggcgc cgtggataga gcaggagagg	240
cctgagtatt gggaccagga gacacggaaat gtgaaggccc actcacagac tgaccgagag	300
aacctggggg ccctgcgcgg ctactacaac cagagcggagg cgggttctca caccatccag	360
ataatgtatg gctgcacgt ggggtcggac gggcgttcc tccggggta tgaacagcac	420
gcaaggatta catgcctcg aacgaggacc tgcgtcttg gaccgcggcg gacatggcgg	480
ctcagatcac ccagcgcacg tgggaggcgg cccgttggc ggagcagttg agacgcattcc	540
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agcgcacggaa cccccccaaag acacatatga cccaccaccc catctgtac catgaggcga	660
ccctgagggtg ctggccctcg ggcttctacc ctggggatgat cacaactgacc tggcagccgg	720
atggggagga ccagaccccg gacacggacc tcgtggagac caggcctgca ggggatggaa	780
cttccagaa gtggccggct gtgtgggtgc ttctggaga ggaggcagaga tacacctgccc	840

atgtgcagca tgagggtctg cccaaaggcccc tcaccctgag atgggag 887

<210> 173

<211> 767

<212> DNA

<213> Homo sapiens

<400> 173

ggctccccact ccatgaggta ttctccaca tcgggtccc ggcccgccag tggagagccc	60
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gcgagccaga ggtatggagcc gcggggcgcgg tggatagagc aggaggggcc ggagtattgg	180
gaccaggaga cacgaaatgt gaaggcccac tcacagactg accggagagaa ctgggggacc	240
ctgcggcgct actacaacca gagcggggcc ggttctcaca ccatccagat aatgtatggc	300
tgcgacgtgg ggtcgacgg gcgccttcctc cgccggatgc aacagcacgc ctacgacggc	360
aaggattaca tgcgcctgaa cgaggacctg cgcttggg ccggggcgga catggcggt	420
cagatcaccc agcgcacatgt ggaggcgcc cgtcgccggc agcaggatgg agcctacatgt	480
gagggcactgt gctggagtg gctccgcaga tacctggaga acgggaaggaa gacgctgcag	540
cgcacggacc ccccaagac acatatgacc caccaccca tctctgacca tgaggccacc	600
ctgaggtgt gggccctggg ctcttaccc tgcggagatca cactgacccgc gcagcggt	660
ggggaggacc agaccaggaa cacggagctc gtggagacca ggcctgcagg ggatggaaacc	720
ttccagaagt gggcggtgt ggtggtgcc tctggagagg agcagag	767

<210> 174

<211> 546

<212> DNA

<213> Homo sapiens

<400> 174

<210> 175

<211> 546

<212> DNA

<213> Homo sapiens

<400> 175

gctcccaact catgaggtat ttctccacat ccgtgtcccg gcccggcagt ggagagcccc	60
gcttcatgc agtgggctac gtggacgacg cgcatgtcg tgcgttcgac agcgacgccc	120
cgagccagag gatggagccg cggggccgt ggatagagca ggagaggcct gatgtttggg	180
accaggagac acgaaatgtg aaggcccact cacagactga ccgagagaac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac catccagata atgtatggct	300
gcgcacgtgg gtcgcacggg cgcttcctcc gcgggtatga acagcacgcc tacgacggca	360
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agatcaccca ggcaccaacttgg gaggcggccc atgtggcggaa gcagtggaga gcctacctgg	480
agggcacgtg cgtggagtgcc tcggcagat acctggagaa cgggaaggag acgtctgcagc	540
gcacgg	546

<210> 176
<211> 546
<212> DNA
<213> Homo sapiens

<400> 176

gctcccaactc catgaggtat ttctcacat ccgtgtcccg gcccggcagt ggagagcccc	60
gettcatcgc agtgggtac gtggacgaca cgcagttcgt gcgggttcgac agcgcacgccc	120
cgagccagag gatggagccg cggggccgt ggatagagca ggagaggcct gagtattggg	180
acgaggagac agggaaagtg aaggcccact cacagactga ccgagagaac ctggggaccc	240
tgcgcggcta ctacaaccag acggaggccg gtttcacac catccagata atgtatggct	300
gcgcacgtggg gtcggacggg cgcttcctcc gcgggttatga acagcacgcc tacgacggca	360
aggattacat cgcctgaac gaggacctgc gctcttggac cgcggggac atggcggctc	420
agatcaccca gcgcaagtgg gaggccccc gtggggcggaa gcagttgaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 177
<211> 897
<212> DNA
<213> Homo sapiens

<400> 177

atggccgtca tggcgc(cccg aaccctcctc ctgtactctc cgggggcct ggccctgacc	60
cagacctggg cgggctctca ctccatgagg tatttctaca cctccgttc cccggccggc	120
agtggagagc cccgcctcat cgcagtgccg tacgtggacg acacgcagtt cgtcgggttc	180
gacagcgacg cccgcggcca gaggatggag cccgcggccg cgtggataga gcaggagagg	240
cctgagtatt gggaccagga gacacggaaat gtgaaggccc agtcacagac tgaccgagt	300
gacctggggc ccctcgccgg ctactacaac cagagcgagg cccgttcata caccatccag	360
ataatgtatg gctgcacgt ggggtcggac gggcgttcc tccgcgggta tgaacagcac	420
gcctacgcacg gcaaggatta catgcctc aacgaggacc tgcgttgc gaccgcggcg	480
gacatggcgg ctcagatcac ccagcgcaag tgggaggcgg cccgttggc ggacgatgg	540
agagcctacc tggagggcac gtgcgtggag tggctccca gatactggaa gaacgggaaag	600
gagacgcgtc agcgcacggaa ccccccac ag acacatatga cccaccaccc catctgac	660
catgaggcca ccctcgaggta ctggccctg ggcttctacc ctgcggagat cacactgacc	720
tggcagcggg atggggagga ccagacccag gacacggagc tcgtggagac caggcctgca	780
ggggatggaa cttccagaa gtggggcggct gtgggttgtc ctctggaga ggacgagaga	840
tacacctgcc atgtgcagca tgagggtctg ccaaggcccc tcaccctgag atggag	897

<210> 178
<211> 546
<212> DNA
<213> Homo sapiens

<400> 178

gctcccaactc catgaggtat ttctcacat ccgtgtcccg gcccggcagt ggagagcccc	60
gettcatcgc agtgggtac gtggacgaca cgcagttcgt gcgggttcgac agcgcacgccc	120
cgagccagag gatggagccg cggggccgt ggatagagca ggagaggcct gagtattggg	180
accaggagac acgaaatgtg aaggcccact cacagactga ccgagagaac ctggggaccc	240
tgcgcggcta ctacaaccag acggaggccg gtttcacac catccagata atgtatggct	300
gcgcacgtggg gtcggacggg cgcttcctcc gcgggttatga acagcacgcc tacgacggca	360
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agatcaccca gcgcaagtgg gaggccccc gtgtggcggaa gcagttgaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 179
<211> 822
<212> DNA
<213> Homo sapiens

<400> 179

gctcccactc catgaggtat ttctccacat ccgtgtcccg gcccggcagt ggagagcccc	60
gcttcatcgc agtgggctac gtggacgaca cgcagttcg tgcgggtcgac agcgcacgccc	120
cgagccagag gatggagccg cggggccgt ggatagagca ggagaggcct gagaatttggg	180
accaggagac acggaatgtg aaggccact cacagactga ccgagagaac ctggggaccc	240
tgcggccta ctacaaccag agcgaggccg gtttcacac catccagata atgcattggct	300
gcgacgtggg gtcggacggg cgcttcctc gcggttatga acagcacgcc tacgacggca	360
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agatcaccca ggcgaagtgg gaggccggcc gtcggggcga gcagttgaga gcttacccgg	480
agggcacgtg cgtggagtggttcccgagat acctggagaa cgggaaggag acgctgcagc	540
gcacggaccc ccccaagaca catatgaccc accaccccat ctctgaccat gaggccaccc	600
tgaggtgtcg ggcctgggc ttctaccctg cggagatcac actgacccgg cagcggatg	660
gggaggacca gaccaggac acggagctcg tggagaccag gcctgcagg gatggAACCT	720
tccagaagtg ggcggctgtg gtgggtccctt ctggagagga gcagagatac acctgcccatt	780
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<210> 180

<211> 546

<212> DNA

<213> Homo sapiens

<400> 180 gctcccactc catgaggtat ttctccacat ccgtgtcccg gcccggcagt ggagagcccc	60
gcttcatcgc agtgggctac gtggacgaca cgcagttcg tgcgggtcgac agcgcacgccc	120
cgagccagag gatggagccg cggggccgt ggatagagca ggagaggcct gagaatttggg	180
accaggagac acggaatgtg aaggccact cacagactga ccgagttggac ctggggaccc	240
tgcggccta ctacaaccag agcgaggccg gtttcacac catccagata atgcattggct	300
gcgacgtggg gtcggacggg cgcttcctc gcggttatga acagcacgcc tacgacggca	360
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agggcacgtg cgtggagtggttcccgagat acctggagaa cgggaaggag acgctgcagc	540
gcacggaccc ccccaagaca catatgaccc accaccccat ctctgaccat gaggccaccc	546

<210> 181

<211> 822

<212> DNA

<213> Homo sapiens

<400> 181

gctcccactc catgaggtat ttctccacat ccgtgtcccg gcccggccgc ggggagcccc	60
gcttcatcgc agtgggctac gtggacgaca cgcagttcg tgcgggtcgac agcgcacgccc	120
cgagccagag gatggagccg cggggccgt ggatagagca ggagaggcct gagaatttggg	180
accaggagac acggaatgtg aaggccact cacagactga ccgagagaac ctggggaccc	240
tgcggccta ctacaaccag agcgaggccg gtttcacac catccagata atgcattggct	300
gcgacgtggg gtcggacggg cgcttcctc gcggttatga acagcacgcc tacgacggca	360
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agatcaccca ggcgaagtgg gaggccggcc gtcggggcga gcagttgaga gcttacccgg	480
agggcacgtg cgtggagtggttcccgagat acctggagaa cgggaaggag acgctgcagc	540
gcacggaccc ccccaagaca catatgaccc accaccccat ctctgaccat gaggccaccc	600
tgaggtgtcg ggcctgggc ttctaccctg cggagatcac actgacccgg cagcggatg	660
gggaggacca gaccaggac acggagctcg tggagaccag gcctgcagg gatggAACCT	720
tccagaagtg ggcggctgtg gtgggtccctt ctggagagga gcagagatac acctgcccatt	780
tgcagcatga gggctgccc aagccctca ccctgagatg gg	822

<210> 182

<211> 897

<212> DNA

<213> Homo sapiens

<400> 182

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cagacctggg	cgggctccc ctcacatgagg tatttaccca	catccgtgc cggcccgcc	120
cgcggggagc	ccccgttcat cgccgtgggc tacgtggacg	acacgcagt cgtcggttc	180
gacagcga	cgcgagcca gaggatggag ccgcggcgc	cgtggataga gcaggagagg	240
cctgat	atggaccagga gacacggaat gtgaaggccc	actcacagat tgaccgagt	300
gac	ctctggga ccctgcggg ctactacaac	cagagcgagg ccggctctca	360
at	atgtatg gctgcgacgt ggggtcggac	gggcgcctcc tccgcggta	420
gc	ctacgacg gcaaggatta catgccttg	aacgaggacc tgcgccttg	480
gac	gacatggcg ctcagatcac ccagcgcaag	cccggtggc ggacgagtt	540
ag	tggagggcac gtgcgtggag tggctccga	gatacttggaa gaacgggaag	600
gag	gagacgtgc agcgcacgg acccccaag	acgcataatga ctcaccacgc	660
cat	catgagggca ccctgaggtg ctggccctg	tgctctgac agttctacc	720
tgg	tggcagggg atggggagga ccagacccag	ctgcccggat cacactgacc	780
ggggatggaa	cctccagaa gtggcgtet gtgggtgtc	cttctggaca ggacgagaga	840
tacac	tacacgtgcc atgtcagca tgagggtctc	cccaagcccc tcaccctgag	897

<210> 183

<211> 546

<212> DNA

<213> Homo sapiens

<400> 183

gctcccactc	catgaggttat ttaccacat ccgtgtcccg	gcccggccgc ggggagcccc	60
gcttcatcgc	cgtggctac gtggacgaca	cgccgttgc acgcacgcgg	120
cgagccagag	gatggagccg cgggcgcgt	ggatagagca ggagaggct	180
accaggagac	acggaaatgt aaggccact	cacagattga ccgagtgac	240
tgcgcgcta	ctacaaccag	ctggggaccc	300
g	agcgcggccgttcc	gtggacggg	360
aggattacat	cgccctgaac	gaggacctgc	420
agatcaccca	gccaagtgg	gtgtggggcc	480
agggcacgtg	cgtggagtgg	ctccgcagat	540
gcacgg	acctggagaa	cgggaaaggag	546

<210> 184

<211> 546

<212> DNA

<213> Homo sapiens

<400> 184

gctcccactc	catgaggttat ttaccacat ccgtgtcccg	gcccggccgc ggggagcccc	60
gcttcatcgc	cgtggctac gtggacgaca	cgccgttgc acgcacgcgg	120
cgagccagag	gatggagccg cgggcgcgt	ggatagagca ggagaggct	180
accaggagac	acggaaatgt aaggccact	cacagattga ccgagtgac	240
tgcgcgcta	ctacaaccag	ctggggaccc	300
g	agcgcggccgttcc	gtggacggg	360
aggattacat	cgccctgaac	gaggacctgc	420
agatcaccca	gccaagtgg	gtgtggggcc	480
agggcacgtg	cgtggagtgg	ctccgcagat	540
gcacgg	acctggagaa	cgggaaaggag	546

<210> 185

<211> 897

<212> DNA

<213> Homo sapiens

<400> 185

atggccgtca	tggcgc(cc) aaccctc(c) ctgactact	tggggccct ggccctgacc	60
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cgcggggagc ccccgctcat cggcgtggc tacgtggacg acacgcagt cgtgggttc	180
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cctgagtatt gggaccagga gacacggaat gtgaaggccc actcacagat tgaccgagt	300
gacacctggga ccctgcgcgg ctactacaac cagagcgagg cgggtctca caccatccag	360
ataatgtatg gctgcgacgt ggggtcgac gggcgcttc tccggggta cggcaggac	420
gcttacgacg gcaaggatta catgcgcctg aacgaggacc tgcgccttg gaccgcggcg	480
gacatggcgg ctcaagatcac ccagcgcaag tgggaggcgg cccgtgtggc ggacgcgttg	540
agagcctacc tggaggcgc tgcgtggag tggctccca gatacctgga gaacgggaag	600
gagacgcgtgc aggcacgga ccccccaag acgcataatga tcaccacgc tgtctctgac	660
catgaggcca ccctgagggtg ctgggcctg agcttctacc ctgcggagat cacactgacc	720
tggcagcggg atggggagga ccagaccag gacacggac tcgtggagac caggcctgca	780
ggggatggaa cttccagaa gtggcgtct gtgggttgtc ctctggaca ggacgcgaga	840
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<210> 186

<211> 546

<212> DNA

<213> Homo sapiens

<400> 186

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gcttcategc cgtggctac gtggacgaca cgcagtctgt cggttcgac aggcacgcgg	120
cgagccagag gatggagccg cggcgcgtt ggtatagagca ggagaggcct ggttattggg	180
accaggagac acggaatgtg aaggcccact cacagattga ccgagtggac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac catccagatg atgtatggct	300
gcgacgtggg gtggacggg cggttcctcc ggggttacca gcaggacgcc tacgacggca	360
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agggcacgtg cgtggacggg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 187

<211> 546

<212> DNA

<213> Homo sapiens

<400> 187

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cgagccagag gatggagccg cggcgcgtt ggtatagagca ggagaggcct ggttattggg	180
accaggagac acggaatgtg aaggcccact cacagattga ccgagtggac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac catccagatg atgtatggct	300
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agatcaccca ggcgaagtgg gaggcggccc gtgtggcggaa gcagttgaga gcctacctgg	480
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<210> 188

<211> 546

<212> DNA

<213> Homo sapiens

<400> 188

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cgagccagag gatggagccg cggcgcgtt ggtatagagca ggagaggcct ggttattggg	180

accaggagac acggaaagtg aaggcccact cacagactga ccgagagaac ctgcggatcg
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 gcgacgtggg gtcggacggg cgcttctcc ggggttacca gcaggacgcc tacgacggca
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 <211> 546
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 <213> Homo sapiens

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<210> 191
 <211> 897
 <212> DNA
 <213> Homo sapiens

<400> 191
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 gacagcgtacg cggcgagccg gaggatggag ccggccgcgtggataga gcaggagggg
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 agcctggga tcgcgtccg ctactacaac cagacgcggg ccgggttctca caccatccag
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<211> 546
<212> DNA
<213> Homo sapiens

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aggattacat	cgccttgaac	gaggacctgc	gtcttgac	cgccggggac	atggcggctc	420
agatcaccca	gccaatgtgg	gaggcggccc	gtgtggcgga	gcagttgaga	gcctacctgg	480
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<212> DNA
<213> Homo sapiens

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 <211> 897
 <212> DNA
 <213> Homo sapiens

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 cgcggggagc cccgcctcat cgcgtgggc tacgtggacg acacgcgtt cgtgcggttt 180
 gacagcgacg ccgcgagcca gaggatggag ccgcgggcgc cgtggataga gcaggagggg 240
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 ggggatggaa cttccagaa gtggcgtct gtgggtgtc cttctggaca ggagcagaga 840
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<400> 196
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 ggcacgtggg gccggacggg cgcctctcc ggggttacca gcaggacgac tacgacggca 360
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 agatcaccca gcgcaagtgg gaggcggccc atgtggcgga gcagttgaga gcctacactgg 420
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 546

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 <211> 546
 <212> DNA
 <213> Homo sapiens

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 ggcacgtggg gccggacggg cgcctctcc ggggttacca gcaggacgac tacgacggca 360
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 420

agatcaccca	gcgcaagtgg	gaggcggccc	gtgtggcga	gcagttgaga	gcctacctgg	480
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<213> Homo sapiens

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tacacctgcc	atgtgcagca	tgagggttc	cccaagcccc	tcaccctgag	atgggag	897

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<212> DNA
<213> Homo sapiens

<400> 199						
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<213> Homo sapiens

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gcacgg	546

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<211> 546
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<212> DNA
<213> Homo sapiens

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<211> 897

<212> DNA

<213> Homo sapiens

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<211> 546

<212> DNA

<213> Homo sapiens

<400> 205

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cgagccagag gatggagccg cggccggcgt ggatagagca ggagggccgc ggttattggg	180
accggAACAC acggaatgtg aaggcccagt cacagactga cgcgtggac ctggggaccc	240
tgcggcgtca ctacaaccag agcggaggacg gttctcacac catccagata atgtatggct	300
gcgcgtggg gtcggacggg cgttcctcc cgggttaccc gcaggacgcgt tacgacggca	360
aggattacat cgcctgaac gaggacctgc gcttggac cgcggccgc atggggctc	420
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<210> 206

<211> 546

<212> DNA

<213> Homo sapiens

<400> 206

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cgagccagag gatggagccg cggccggcgt ggatagagca ggagggccgc ggttattggg	180
accggAACAC acggaatgtg aaggcccagt cacagactga cgcgtggac ctggggaccc	240

tgcgcggcta ctacaaccag	300
agcgaggacg gtttcacac	360
catccagata atgtatggct	420
gcgacgtgg gtggacggg	480
cgcttcctcc gcgggtaccc	540
gcaggacgct tacgacggca	546
aggattacat cgccctgaac	
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cgcggcggac atggggctc	
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gagacggccc atgaggcggg	
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<210> 207

<211> 546

<212> DNA

<213> Homo sapiens

<400> 207

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gttcatcgc cgtggctac gtggacgaca	180
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agcgacgcgc	300
cgagccagag gatggagccg	360
cgggcgcgt ggatagagca	420
ggagggggccg gaggatgggg	480
accggAACAC acggAAAGTG	540
aaggcccAGT cacagactga	546
ccgagtggac ctggggaccc	
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aggattacat ctccctgaac	
gaggacctgc	
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cgcggcggac	
atggggctc	
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gagacggccc	
atgaggcggg	
gcagtggaga	
gcctacactgg	
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gcacgg	

<210> 208

<211> 897

<212> DNA

<213> Homo sapiens

<400> 208

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cgggctcca	300
ctccatgagg	360
tatttttca	420
catccgtgtc	480
ccggccggc	540
cccgcttcat	600
cgccgtggc	660
tacgtggacg	720
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gacagcgacg	897
cccgagcca	
gaagatggag	
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cgtggataga	
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aacctgggga	
ccctgcgcgg	
ctactacaac	
cagagcgagg	
acgggtctca	
caccatccag	
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gctgcgacgt	
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categcctg	
aacgaggacc	
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catgaggcca	
ccctgagggt	
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tggcagccgg	
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ccagaccacg	
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tcgtggagac	
caggcctgca	
ggggatggaa	
ccctccagaa	
gtggcggt	
gtgttgttcc	
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<210> 209

<211> 546

<212> DNA

<213> Homo sapiens

<400> 209

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gttcatcgc cgtggctac gtggacgaca	180
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agcgacgcgc	300
cgagccagaa	
gatggagccg	
cgggcgcgt	
ggatagagca	
ggagggggccg	
gaggatgggg	
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acggaatatg	
aaggcccact	
cacagactga	
ccgagcgaac	
ctggggaccc	
tgcgcggcta	
ctacaaccag	
agcgaggacg	
gtttcacac	
catccagata	
atgtatggct	

gcgacgtgg gccggacggg cgcttcctcc ggggttaccg gcaggacgcc tacgacggca
 aggattacat cgccctgaac gaggacctgc gctctggac cgccggggac atggcagctc
 agatcaccaa ggcgaagtgg gaggcggtcc atgcggcggaa gcagcggaga gcctacctgg
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 gcacgg 360
 420
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 540
 546

<210> 210<211> 897
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<400> 210
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 cgcggggagc cccgcctcat cgccgtgggc tacgtggacg acacgcagtt cgtgcgggtc 180
 gacagcgcacg cgcgcggcca gaagatggag cgcggggcgc cgtggataga gcaggagggg 240
 ccggagttt gggaccaggaa gacacggaaat atgaaggccc actcacagac tgaccgagcg 300
 aacctggggaa ccctgcgcgg ctactacaac cagagcgggg acgggtctca caccctccag 360
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 gcctacgcacg gcaaggatta catgcctctg aacgaggacc tgccgtcttg gaccgcggcg 480
 gacatggcag ctcagatcac caagcgcacg tgggaggcgg tccatgcggc ggagcagcgg 540
 agagtctacc tggagggcac gtgcgtggag tggctccca gatacctgga gaacgggaag 600
 gagacgtgc agcgcacggaa ccccccggaa acacatatga cccaccaccc catctctgac 660
 catgaggcca ccctgagggtg ctggggccctg ggctctacc ctgcggagat cacactgacc 720
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 gggatggaa cttccagaa gtggcggct gtgggtgtc cttctggaga ggacggagaa 840
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<210> 211
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 211
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 cgagccagaa gatggagccg cggggccgt ggatagagca ggagggggccg ggttattggg 180
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 agatcaccaa ggcgaagtgg gaggcgggtcc atgcggcggaa gcagcggaga gtctacctgg 480
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 gcacgg 540
 546

<210> 212
 <211> 897
 <212> DNA
 <213> Homo sapiens

<400> 212
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 cgcggggagc cccgcctcat cgccgtgggc tacgtggacg acacgcagtt cgtgcgggtc 180
 gacagcgcacg cgcgcggcca gaggatggag cgcggggcgc cgtggataga gcaggagggg 240
 ccggagttt gggaccctgca gacacggaaat gtgaaggccc actcacagac tgaccgagcg 300
 aacctggggaa ccctgcgcgg ctactacaac cagagcgggg acgggtctca caccatccag 360
 agatgtatg gtcgcacgt gggccggac gggcgttcc tccggggta ccggcaggac 420

gcttacgacg gcaaggatta catgcctcg aacgaggacc tgcgtcttgc accggcggc	480
gacatggcgg ctcagatcac ccagcgcaag tgggagacgg cccatgaggc ggagcagtgg	540
agagcctacc tggagggccg gtgcgtggag tggctccga gatactggaa gaacgggaag	600
gagacgctgc agcgcacggaa cgcccccaag acgcataatga ctcaccacgc tgtctgtac	660
catgaggcca ccctgaggtg ctggccctcg agcttctacc ctgaggat cacactgacc	720
tggcagcggg atggggagga ccagacccag gacacggacc tcgtggagac caggcctgca	780
ggggatggaa cttccagaa gtggcgtct gtgggtgtc cttctggaca ggagcagaga	840
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<210> 213
<211> 897
<212> DNA
<213> Homo sapiens

<400> 213	
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cgcggggagc cccgttcat cggcggtggc tacgtggacg acacgcgtt cgtgggttc	180
gacagcgcacg cccgcggcca gaggatggag cgcggccgc cgtggataga gcaggaggg	240
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gcttacgacg gcaaggatta catgcctcg aacgaggacc tgcgtcttgc accggcggc	480
gacatggcgg ctcagatcac ccagcgcaag tgggagacgg cccatgaggc ggagcagtgg	540
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gagacgctgc agcgcacggaa cgcccccaag acgcataatga ctcaccacgc tgtctgtac	660
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tggcagcggg atggggagga ccagacccag gacacggacc tcgtggagac caggcctgca	780
ggggatggaa cttccagaa gtggcgtct gtgggtgtc cttctggaca ggagcagaga	840
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<210> 214
<211> 897
<212> DNA
<213> Homo sapiens

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cgcggggagc cccgttcat cggcggtggc tacgtggacg acacgcgtt cgtgggttc	180
gacagcgcacg cccgcggcca gaggatggag cgcggccgc cgtggataga gcaggaggg	240
ccggagtatt gggaccggaa cacacggaaat gtgaaggccc agtcacagac tgaccgagt	300
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tggcagcggg atggggagga ccagacccag gacacggacc tcgtggagac caggcctgca	780
ggggatggaa cttccagaa gtggcgtct gtgggtgtc cttctggaca ggagcagaga	840
tacacctgcc atgtcagca tgagggtctg cccaagcccc tcaccctgag atggag	897

<210> 215
<211> 546
<212> DNA
<213> Homo sapiens

<400> 215

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cgagccagag gatggagccg cgggcgcgt ggatagagca ggaggggccc gagtattggg	180
accggaacac acggaatgtg aaggcccact cacagactga ccgagtgac ctggggaccc	240
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gcgacgtggg gccggacggg cgcttctcc gcggttacca gcaggacgt tacgacggca	360
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agggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 216

<211> 546

<212> DNA

<213> Homo sapiens

<400> 216

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gcttcatgc cgtggctac gtggacgaca cgcagttcgat gcggttcgac agcgacgccc	120
cgagccagag gatggagccg cgggcgcgt ggatagagca ggaggggccc gagtattggg	180
accggaacac acggaatgtg aaggcccact cacagactga ccgagtgac ctggggaccc	240
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<210> 217

<211> 897

<212> DNA

<213> Homo sapiens

<400> 217

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gacatggcgg ctcagaccac caagcacaag tgggaggccg cccatgtggc ggagcagtgg	540
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tggcagccgg atggggagga ccagaccacg gacacggagc tgcgtggagac caggcctgca	780
ggggatggaa cttccagaa gtgggtggct gtgggtgtc cttctggaca ggagcagaga	840
tacacgtgcc atgtgcagca tgagggtttt cccaaaggcccc tcaccctgag atgggag	897

<210> 218

<211> 897

<212> DNA

<213> Homo sapiens

<400> 218

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cgcggggagc cccgttcat cgccgtggc tacgtggacg acacgcagt cgtgcgggtc	180
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tggcagcggg atggggagga ccagacccag gacacggacg tcgtggagac caggcctgca	780
ggggatggaa cttccagaa tgggtggct tgggtggc cttctggaca ggacgcagaga	840
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<210> 219

<211> 897

<212> DNA

<213> Homo sapiens

<400> 219

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cgcggggagc cccgttcat cgccgtggc tacgtggacg acacgcagt cgtgcgggtc	180
gacagcgacg cccgcggcca gaggatggag cccgcggc cgtggataga gcaggagggg	240
ccggagtatt gggacggaa cacacggaaat gtgaaggccc agtcacagac tgaccgagt	300
gacactgggaa ccctgcggg ctactacaac cagagcgagg cccgttctca caccatccag	360
aggatgtatg gtcgcacgt ggggtggac gggcgttcc tccgcggta cccgcggac	420
gcctacgacg gcaaggattt catgcgttgc aaagaggacc tgcgttgc gaccgcggc	480
gacatggcgtc ctcagaccac caagcacaag tggaggcgg cccatgtggc ggacgcgtgg	540
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gagacgtgc agcgcacggaa cccgcggcca acgcatatga ctcaccacgc tgcgttgc	660
catgaaggcca ccctgagggtg ctggccctg agcttctacc ctgcggagat cacactgacc	720
tggcagcggg atggggagga ccagacccag gacacggacg tcgtggagac caggcctgca	780
ggggatggaa cttccagaa tgggtggct tgggtggc cttctggaca ggacgcagaga	840
tacacctgcc atgtgcagca tgagggttg cccaaaggccc tcaccctgag atggggag	897

<210> 220

<211> 897

<212> DNA

<213> Homo sapiens

<400> 220

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cgcggggagc cccgttcat cgccgtggc tacgtggacg acacgcagt cgtgcgggtc	180
gacagcgacg cccgcggcca gaggatggag cccgcggc cgtggataga gcaggagggg	240
ccggagtatt gggacggaa cacacggaaat gtgaaggccc actcacagac tgaccgagt	300
gacactgggaa ccctgcggg ctactacaac cagagcgagg cccgttctca caccatccag	360
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gacatggcgtc ctcagaccac caagcacaag tggaggcgg cccatgtggc ggacgcgtgg	540
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gagacgtgc agcgcacggaa cccgcggcca acgcatatga ctcaccacgc tgcgttgc	660
catgaaggcca ccctgagggtg ctggccctg agcttctacc ctgcggagat cacactgacc	720
tggcagcggg atggggagga ccagacccag gacacggacg tcgtggagac caggcctgca	780
ggggatggaa cttccagaa tgggtggct tgggtggc cttctggaca ggacgcagaga	840

tacacctgcc atgtgcagca tgagggtttg cccaagcccc tcacccttag atggag 897

<210> 221
<211> 546
<212> DNA
<213> Homo sapiens

<400> 221
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cgagccagag gatggagccg cgggcccgt ggatagagca ggaggggccc gagtattggg 180
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tgcgcggcta ctacaaccag aegcaggccg gttctcacac catccagatg atgtatggct 300
gcgacgtggg gtggacgccc cggttctcc gcgggttaccc gcaggacgccc tacgacggca 360
aggattacat cgcctgaaa gaggacctgc gctcttgac cgcggccggac atggcagctc 420
agaccaccaa gcacaagtgg gaggccccc atgtggcggaa gcagtggaga gcctacctgg 480
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gcacgg 546

<210> 222
<211> 546
<212> DNA
<213> Homo sapiens

<400> 222
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cgagccagag gatggagccg cgggcccgt ggatagagca ggaggggccc gagtattggg 180
accggAACAC acggaatgtg aaggcccact cacagattga ccgagtgac ctggggaccc 240
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gcgacgtggg gtggacgccc cggttctcc gcgggttaccc gcaggacgccc tacgacggca 360
aggattacat cgcctgaaa gaggacctgc gctcttgac cgcggccggac atggcagctc 420
agaccaccaa gcacaagtgg gaggccccc atgtggcggaa gcagtggaga gcctacctgg 480
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gcacgg 546

<210> 223
<211> 546
<212> DNA
<213> Homo sapiens

<400> 223
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cgagccagag gatggagccg cgggcccgt ggatagagca ggaggggccc gagtattggg 180
accggAACAC acggaatgtg aaggcccact cacagactca ccgagtgac ctggggaccc 240
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gcgacgtggg gtggacgccc cggttctcc gcgggttaccc gcaggacgccc tacgacggca 360
aggattacat cgcctgaaa gaggacctgc gctcttgac cgcggccggac atggcagctc 420
agaccaccaa gcacaagtgg gaggccccc atgtggcggaa gcagtggaga gcctacctgg 480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
gcacgg 546

<210> 224
<211> 546
<212> DNA
<213> Homo sapiens

<400> 224

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cgagccagag gatggagccg cggggccgt ggatagagca ggaggggccg gagtattggg	180
accggAACAC acggaatgtg aaggcccagt cacagactga ccgagtggac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac catccagatg atgtatggct	300
gcgcacgtggg gtcggacggg cgcttcctcc gccccatgaa acagcacgcc tacgacggca	360
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agaccaccaa gcacaagtgg gaggccggcc atgtggcggaa gcagtggaga gcttacactgg	480
agggcactgt cgtggagtgcc ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 225

<211> 546

<212> DNA

<213> Homo sapiens

<400> 225

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cgagccagag gatggagccg cggggccgt ggatagagca ggagggggccg gaggattggg	180
accggaaac acggaatgtg aaggcccagt cacagactga ccgagtgAACcccttggac	240
tgcgggcta ctacaaccag agcgaggccg gttctcacac catccagatg atgtatggct	300
gcgcacgtggg gtccggacggg cgcttcctcc gcgggttaccc gcagcacgccc tacgacggca	360
aggattacat cggccctgaaa gaggacctgc gctttggac cgcggccggac atggcagctc	420
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agggcacgtg cgtggagtgcc tcggcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 226

<211> 897

<212> DNA

<213> Homo sapiens

<400> 226

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cagacctggg cgggtccca ctccatgagg tatttctaca ctcgcgtgc cggccggc	120
cgcggggagc cccgttcat cgccgtggc tacgtggacg acacgcagtt cgtcggttc	180
gacagcgaagc cggcgagcca gaggatggag cgcggggcgc cgtggataga gcaggagggg	240
ccggagtatt gggaccggaa cacacggaat gtgaaggccc agtcacagac tgaccgagt	300
gacctggggc cctgcgcgg ctactaaac cagagcgagg cgggtctca caccatccag	360
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gcctacgacg gcaaggatta catgccttg aaagatggatgttttgcgttttgcgcggc	480
gacatggcag ctcagaccac caagcacaag tgggaggcgg cccatgtggc ggagcagct	540
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gagacgcgtc agcgcacggc cgcccccaaa acgcataatgatgttgcaccacgc tgtctgtac	660
catgaagcca ccctgagggtg ctggggccctg agcttctacc ctgcggagat cacactgacc	720
tggcagcggg atggggagga ccagacccag gacacggagc tgggtggagac caggcgtca	780
ggggatggaa cttccagaa gtgggtggct gtgggtgtc ttctggaca ggagcagaga	840
tacacctgcc atgtgcagca tgagggttg ccaagcccc tcaccctgag atgggag	897

<210> 227

<211> 546

<212> DNA

<213> Homo sapiens

<400> 227

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cgagccagag gatggagccg cgggcgcgt ggatagagca ggaggggccc gagtattggg	180
acccgaacac acggaatgtg aaggcccagt cacagactga ccgagtggac ctggggaccc	240
tgcgcccata ctacaaccag agcgaggccg gttctcacac catccagatg atgtatggct	300
gcgacgtggg gtcggacggg cgcttcctcc gcgggttaccc gcaggacgcc tacgacggca	360
aggattacat cgccctgaaa gaggacctgc gctttggac cgcggccggac atggcagetc	420
agaccaccaa gcacaagtgg gaggccccc atgtggccga gcagcagaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcage	540
gcacgg	546

<210> 228

<211> 546

<212> DNA

<213> Homo sapiens

<400> 228

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cgagccagag gatggagccg cgggcgcgt ggatagagca ggaggggccc gagtattggg	180
acgaggagac acggaatgtg aaggcccagt cacagactga ccgagtggac ctggggaccc	240
tgcgcccata ctacaaccag agcgaggccg gttctcacac catccagatg atgtatggct	300
gcgacgtggg gtcggacggg cgcttcctcc gcgggttaccc gcaggacgcc tacgacggca	360
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agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcage	540
gcacgg	546

<210> 229

<211> 579

<212> DNA

<213> Homo sapiens

<400> 229

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gccgtggct acgtggacga cacgcgttc gtgcgggtcg acagegacgc cgcgagccag	180
aggatggagc cgcggccgc ttggatagag caggagggc cggagtattg ggacccggaaac	240
acacggaaatg tgaaggccca gtcacagact gaccgatgg acctggggac cctgcgcggc	300
tactacaacc agagcgaggg cgggttctcac accatccaga tgatgtatgg ctgcgacgtg	360
gggtcggacg ggcgttctcc cgcgggtac cggcaggacg cctacgacgg caaggattac	420
atgcctcta aagaggacct gcgccttgg accgcggccg acatggcagc tcagatcacc	480
aagcacaagt gggaggccgc ccatgtggcg gagcgttgga gagctacctt ggagggcacc	540
tgcgtggagt ggctcccgac atacctggag aacgggaag	579

<210> 230

<211> 866

<212> DNA

<213> Homo sapiens

<400> 230

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cgcggggagc cccgcgttcat cgcgtggcc tacgtggacg acacgcgtt cgtgggttc	180
gacagcgacg cgcgcggcca gaggatggag cgcggccgc cgtggataga gcaggagggg	240
ccggagtatt gggaccggga gacacggaaat gtgaaggccc agtcacagac tgaccgttg	300

gacctgggga ccctgcgcgg ctactacaac cagagcgagg ccgttctca caccatccag	360
atgatgtatg gctgcacgt ggggtcggac gggccttcc tccgcggta cggcaggac	420
gcctacgacg gcaaggatta catgcctg aaagaggacc tgcttcggc gaccggcg	480
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agagectacc tggagggcac gtgcgtggag tggctccga gatactggaa gaacgggaaag	600
gagacgtgc agcgcacgga cgcggccaaa acgcataatga ctcaccacgc tgtcttgac	660
catgaagcca ccctgaggtg ctggccctg agcttctacc ctgcggagat cacactgacc	720
tggcagcggg atggggagga ccagacccag gacacggagc tcgtggagac caggcctgca	780
ggggatggaa cttccagaa gtgggtggct gtgggtggc cttctggaca ggagcagaga	840
tacacctgcc atgtcagca tgagg	866

<210> 231
<211> 546
<212> DNA
<213> Homo sapiens

<400> 231	
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cgagccagag gatggagccg cggggccgt ggatagagca ggagggcccg gagtattggg	180
acgaggagac acgaaatgtg aaggcccaatg cacagactga ccgagttggac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggccg gtttcacac catccagatg atgtatggct	300
gcgacgtggg gtcggacggg cgtttccctcc ggggttaccc gcaggacgcc tacgacggca	360
aggattacat cgcctgaaa gaggacctgc gctttggac cgcggccggac atggcagctc	420
agaccaccaa gcacaagtgg gaggccggcc atgtggcggaa gcagtggaga gcctacctgg	480
agggcacgtg cgtggagtgcc ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 232
<211> 546
<212> DNA
<213> Homo sapiens

<400> 232	
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cgagccagag gatggagccg cggggccgt ggatagagca ggagggcccg gagtattggg	180
accggAACAC acgaaatgtg aaggcccaact cacagactca ccgagttggac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggccg gtttcacac catccagagg atgtatggct	300
gcgacgtggg gccggacggg cgtttccctcc ggggttaccc ccgtacgcc tacgacggca	360
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agaccaccaa gcacaagtgg gaggccggcc atgtggcggaa gcagtggaga gcctacctgg	480
agggcacgtg cgtggagtgcc ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 233
<211> 615
<212> DNA
<213> Homo sapiens

<400> 233	
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gggagccccc ctcatcgcc gtgggctacg tggacgacac gcagttctgt cggttcgaca	180
gacgcggccgc gagccagagg atggagccgc gggccgcgtg gatagagcag gagggccgg	240
agtattggga cggaaacaca cggaaatgtga aggcccaatgc acagactgac cgagtggacc	300
tggggaccct gcgccgtac tacaaccaga cggaggccgg ttctcacacc atccagatga	360

tgtatggctg cgacgtgggg tcggacgggc gcttcctccg cgggtaccgg caggacgcct	420
acgacggcaa ggattacatc gccctgaaaag aggacctgcg ctcttgacc gcggcgacca	480
tggcagctca gaccaccaag cacaagtggg aggccgcct tgtggggag cagtggagag	540
cctacctgga gggcacgtgc gtggagtggc tccgcagata cctggagaac gggaggaga	600
cgctgcagcg cacgg	615

<210> 234
<211> 897
<212> DNA
<213> Homo sapiens

<400> 234	
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cgcggggagc cccgttcat cgccgtggc tacgtggacg acacgcagtt cgtcggttc	180
gacagcgacg ccgcgagcca gaggatggag cgcggggcgc cgtggataga gcaggagggg	240
ccggagtt gggacggaa cacacggaaat gtgaaggccc agtcacagac tgaccgagt	300
gacactgggaa ccctgcccgg ctactacaac cagagcgagg cgggttctca caccatccag	360
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gacatggcag ctcagaccac caagcacaag tgggaggccg cccatgtggc ggagcagtgg	540
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gagacgtgc agcgcacggc cgcccccaaa acgcataatga ctcaccacgc tgtctctgac	660
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tggcagcggtt atggggagga ccagacccag gacacggagc tctggagac caggctgca	780
ggggatggaa cttccagaa gtgggtggct gtgtgggtgc ctctggaca ggacgagaga	840
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<210> 235
<211> 546
<212> DNA
<213> Homo sapiens

<400> 235	
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cgagccagag gatggagccg cggggccgt ggatagagca ggagggccgc gaggatgggg	180
accggAACAC acgaaatgtg aaggccccagt cacagactga ccgagttggac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggccg gtttcacac catccagatg atgtatggct	300
gcgacgtggg gtcggacggg cgttccctcc ggggttaccg gcaggacgcc tacgacggca	360
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agaccaccaa gcacaagtgg gaggccgcctt atgtggccga gcagtggaga gcctacctgg	480
atggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 236
<211> 546
<212> DNA
<213> Homo sapiens

<400> 236	
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cgagccagag gatggagccg cggggccgt ggatagagca ggagggccgc gaggatgggg	180
accggAACAC acgaaatgtg aaggccccact cacagactca ccgagttggac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggccg gtttcacac catccagatg atgtatggct	300
gcgacgtggg gtcggacggg cacttccctcc ggggttaccg gcaggacgcc tacgacggca	360

aggattacat cgccctgaaa gaggacctgc gcttggac cgccggac atggcagtc	420
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aggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcacgg	546

<210> 237
<211> 546
<212> DNA
<213> Homo sapiens

<400> 237	
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cgagccagag gatggagccg cgggcgcgcgt ggatagagca ggagggccg gtagtattggg	180
accggAACAC acgaaatgtg aaggcccAGT cacagactga ccgagtgac ctggggaccc	240
tgcgcggcta ctacaaccag agcgaggccg gttctcacac catccagatg atgtatggct	300
gacgcgtggg gtggacggg cgcttcctcc gcgggttaccc gcaggacgccc tacgacggca	360
aggattacat cgccctgaaa gaggacctgc gcttggac cgccggac atggcagtc	420
agaccaccaa gcacaagtgg gaggccgc atgtggggaa gcagtggaga gcctacctgg	480
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gcacgg	546

<210> 238
<211> 897
<212> DNA
<213> Homo sapiens

<400> 238	
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cgcggggagc cccgttcat cggcgtggc tacgtggacg acacgcgtt cgtgggttc	180
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ccggagtatt gggacccggaa cacacggaaat gtgaaggccc agtcacagac tgaccgagt	300
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gagacgtgc aggcacggc cggcccaaa acgcatatga ctcaccacgc tgtctctgac	660
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tggcagccgg atggggagga ccagaccac gacacggac tcgtggagac caggcctgca	780
ggggatggaa cttccagaa gtgggtggct gtgggtggc ttctggaca ggagcagaga	840
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<210> 239
<211> 546
<212> DNA
<213> Homo sapiens
<400> 239

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cgagccagag gatggagccg cgggcgcgcgt ggatagagca ggagggccg gtagtattggg	180
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gacgcgtggg gtggacggg cgcttcctcc gcgggttaccc gcaggacgccc tacgacggca	360
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gcacgg	546

<210> 240
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<213> Homo sapiens

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cgcggggagc cccgcgtcat cgccgtggc tacgtggacg acacgcagtt cgtgcggttc	180
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ggggatggaa cttccagaa gtggcggtt gtgggttgtc ttctggaca ggagcagaga	840
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<210> 241
<211> 897
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cgcggggagc cccgcgtcat cgccgtggc tacgtggacg acacgcagtt cgtgcggttt	180
gacagegcacg ccgcgcagcca gaggatggag ccgcgggcgc cgtggataga gcaggagggg	240
ccggaggtatt gggaccaggaa gacacggaat gtgaaggccc actcacagac tgaccgagt	300
gacctgggga ccctgcgcgg ctactacaac cagagcggagg ccgggtctca caccatccag	360
atgatgtatg gctgcgcgt ggggcccggac gggcgcttcc tccgcgggtt ccagcaggac	420
gcctacgcacg gcaaggatta catgcgcctt aacgaggacc tgcgctttt gaccgcggcg	480
gacatggcgg ctcagatcac ccagcgcacg tgggaggccg cccgtgtggc ggagcagttt	540
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gagacgtgc agcgcacggc cgcccccaag acgcataatga ctcaccacgc tgtcttgac	660
catgaggcca ccctgagggtc ctggccctt agcttctacc ctgcggagat cacactgacc	720
tggcagcggg atggggagga ccagacccag gacacggagc ttgtggagac caggcctgca	780
ggggatggaa cttccagaa gtggcggtt gtgggttgtc ttctggaca ggagcagaga	840
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cgcggggagc cccgcgtcat cgccgtggc tacgtggacg acacgcagtt cgtgcggttt	180
gacagcgcacg ccgcgcagcca gaggatggag ccgcgggcgc cgtggataga gcaggagggg	240
ccggaggtatt gggaccaggaa gacacggaat gtgaaggccc actcacagac tgaccgagt	300

gacctgggga ccctgcgcgg ctactacaac cagagcgagg ccggttctca caccatccag
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 gcctacgacg gcaaggatta catgccttg aacgaggacc tgctcttg gaccgcggcg
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 cgcagccaga ggtatggagcc gcggggccgc tggatagac aggagggtcc ggagtattgg
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 aaggattaca tcgcctgaa cgaggacctg cgctttggaa ccgcggccga catggcggt
 cagatcaccc agcgaagtggagcccg cgtgtggcg aggactttag accctacctg
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 ggcacgtggg gcccggacgg cccctctcc ggggtacca cgcaggacgc tacgaaggca
 aggattacat cgccttgaac cggacactgc gttttggac cgcggggac atggccgtc
 agatcaccc ggcgaagtgg gaggccgc ggtggcgga gcaaggatggaa gctactgg
 agggcacgt gctggagtg gtcctccgcaga acctggaga cggaaaggag acgctgcag

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gcacgg 546

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<212> DNA
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cgagccagag gatggagccg cggcgccgt ggatagagca ggagggggccg gagtattggg	180
accaggagac acggaatgtg aaggccact cacagactca ccgagtggac ctggggaccc	240
tgcgggcta ctacaaccag aeggaggccg gttctcacac catccagatg atgtatggct	300
gcgacgtggg gccggacggg cgccctccgcgatggacccatccagatg atgtatggct	360
aggattacat cgccttgaac gaggacctgc gctctggac cgccggggac atggcggctc	420
agatcaccca ggcgaagtgg gagggccccc gtgtggcggaa gcagttgaga gcctacctgg	480
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<212> DNA
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cgagccagag gatggagccg cggcgccgt ggatagagca ggagggggccg gagtattggg	180
accaggagac acggaatgtg aaggccact cacagattga ccgagtggac ctggggaccc	240
tgcgggcta ctacaaccag aeggaggccg gttctcacac catccagatg atgtatggct	300
gcgacgtggg gccggacggg cgccctccgcgatggacccatccagatg atgtatggct	360
aggattacat cgccttgaac gaggacctgc gctctggac cgccggggac atggcggctc	420
agatcaccca ggcgaagtgg gagggccccc gtgtggcggaa gcagttgaga gcctacctgg	480
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cgagccagag gatggagccg cggcgccgt ggatagagca ggagggggccg gagtattggg	180
accaggagac acggaatgtg aaggccact cacagactga ccgagtggac ctggggaccc	240
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gcgacgtggg gccggacggg cgccctccgcgatggacccatccagatg atgtatggct	360
aggattacat cgccttgaac gaggacctgc gctctggac cgccggggac atggcggctc	420
agatcaccca ggcgaagtgg gagggccccc gtgtggcggaa gcagttgaga gcctacctgg	480
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gcacgg	546

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cgagccag	ag gatggagccg cgggcgcgt ggatagagca ggagggccg gagtattggg	180	
accaggaga	ac acggaatgtg aaggccact cacagactga ccgagtggac ctggggaccc	240	
tgcgcgct	a ctacaaccag agcgaggccg gttctcacat catccagatg atgtatggct	300	
g	gcgacgtggg gcgggacggg cgcctctcc gcgggtacca gcaggacgcc tacgacggca	360	
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agatcaccca	gcgca	atggcgtgg gaggcggccg gtgtggcgga gcagttgaga gcctacctgg	480
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cgccgggagc	cccgcctcat cgcagtgccc tacgtggacg actcgacgtt cgtcagttc	180
gacagcga	gc cgcgagcca gaggatggag cgcgggcgc cgtggataga gcaggaggag	240
ccggagtt	gggacgagga gacacggaaat gtgaaggccc actacagac taaccgagcg	300
aac	cttgcgcgg ctactacaac cagagcggagg acggttctca caccatccag	360
ataatgtat	g gtcgcacgt ggggtcgac gggcgcttcc tccgcgggta cggcaggac	420
gcctac	gacaggatta catgcctcg aacgaggacc tgcgccttg gaccgcggcg	480
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gagacgctg	cg aegcaca ccccccbaag acacatatga cccaccaccc catctctgac	660
catgaggc	ca ctcgtgggt ctggccctg agcttctacc ctgcggagat cacactgacc	720
tggcagcgg	atggggagga ccagacccag gacacggac tcgtggagac caggcctgca	780
ggggatgg	aa cttcccgaa gttggcggt gtgtgttac cttctggaaa ggagaagaga	840
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ggaccgggc ggacaa

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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cgagttcgag agaggagccg cggcgccgt ggatagagca ggaggggccc gagtattggg	180
accggAACAC acagatcttc aagaccaaca cacagactga ccgagagagc ctgcggAACCC	240
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gcgacgtggg gccggacggg cgcctctcc ggggcataa ccagtaGCC tacgacggca	360
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agatcaccCA ggcgaAGTGG gaggcggccc gtgtggcggA gcaggacaga gcttacctgg	480
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<210> 563
<211> 546
<212> DNA
<213> Homo sapiens

<400> 563

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cgagttcgag agaggagccg cggcgccgt ggatagagca ggaggggccc gagtattggg	180
accggAACAC acagatcttc aagaccaaca cacagactga ccgagagagc ctgcggAACCC	240
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gcgacgtggg gccggacggg cgcctctcc ggggcataa ccagtaGCC tacgacggca	360
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agatcaccCA ggcgaAGTGG gaggcggccc gtgtggcggA gcaggacaga gcttacctgg	480
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gcgcgg	546

<210> 564
<211> 546
<212> DNA
<213> Homo sapiens

<400> 564

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 agatcaccca ggcgaagtgg gaggccccc gtgtggccgaa gcaggacaga gcctacctgg 480
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 gcgcgg 546

<210> 565

<211> 546

<212> DNA

<213> Homo sapiens

<400> 565

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 tgcgcggcta ctacaaccag akgcggccg ggtctcacac cctccagagg atgtacggct 300
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 agatcaccca ggcgaagtgg gaggccccc gtgtggccgaa gcagctgaga gcctacctgg 480
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 gcgcgg 546

<210> 566

<211> 546

<212> DNA

<213> Homo sapiens

<400> 566

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 agatcaccca ggcgaagtgg gaggccccc gtgtggccgaa gcaggacaga gcctacctgg 480
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 gcgcgg 546

<210> 567

<211> 546

<212> DNA

<213> Homo sapiens

<400> 567

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 cgagtccgag agaggagccg cgggcgcgt ggatagagca ggaggggccc gagtattggg 180
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gcgccgg 546

<210> 568

<211> 546

<212> DNA

<213> Homo sapiens

<400> 568

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agggcacgtg cgtggagtg ctccgcagat acctggagaa cgggaaggac acgctggagc	540
gcgcgg	546

<210> 569

<211> 822

<212> DNA

<213> Homo sapiens

<400> 569

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cgagtcggag agaggagccg cggggccgt ggatagagca ggaggggccc gagtattggg	180
accggggagac acagatctc aagaccaaca cacagactga ccgagagaac ctgcggaaacc	240
tgcgcggcta ctacaaccag agcgaggccg ggttcacac cctcagagc atgtacggct	300
gcccacgtggg gccggacggg cgccctctcc gggggcataa ccagtaecc tacgacggca	360
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agatcaccca ggcgaagtgg gaggccggcc gtgtggcga gcaggacaga gcaccttgg	480
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gcccggacca aactcaggac actgagcttg tggagaccag accagcagga gatagaacct	720
tccagaagtg ggcagctgtg gtgggtgcctt ctggagaaga gcagagatac acatgccatg	780
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<210> 570

<211> 1017

<212> DNA

<213> Homo sapiens

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tggcagccgg	atggcgagga	ccaaactca	gacactgagc	tttgtggagac	cagaccagca	780
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tcttccagt	ccaccgtccc	catcggtggc	attgttgctg	gcctggctgt	cctagcagtt	960
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<210> 571

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 571

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aacctgcgc	cccgctccg	ctactacaac	cagagcgagg	ccgggtctca	cacttggcag	360
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tcttccagt	ccaccgtccc	catcggtggc	attgttgctg	gcctggctgt	cctagcagtt	960
gtggtcatcg	gagctgtggt	cgctgtgtg	atgtgttagga	ggaagagctc	aggtgga	1017

<210> 572

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 572

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cgcggggagc	cccgttcat	caccgtggc	tacgtggacg	acacccagtt	cgtgagggttc	180
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ccggaggatt	gggaccggga	gacacagatc	tccaagacca	acacacagac	ttaccgagag	300
aacctgcgc	cccgctccg	ctactacaac	cagagcgagg	ccgggtctca	cacttggcag	360
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gcctacgacg	gcaaggattt	catcgccctg	aacgaggacc	tgagctctg	gaccggcgc	480
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tacacatgcc	atgtacagca	tgaggggctg	ccgaagcccc	tcacccctgag	atgggagcca	900
tcttccagt	ccaccgtccc	catcggtggc	attgttgctg	gcctggctgt	cctagcagtt	960
gtggtcatcg	gagctgtggt	cgctgtgtg	atgtgttagga	ggaagagctc	aggtgga	1017

<210> 573

<211> 1017
<212> DNA
<213> Homo sapiens

<400> 573

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cgcggggagc	cccgcttcat	caccgtgggc	tacgtggacg	acaccagtt	cgtgagggttc	180
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ccggagtatt	gggaccggga	gacacagatc	tccaagacca	acacacagac	ttaccgagag	300
aacctgcga	cccgctccg	ctactacaac	cagagcgagg	ccgggtctca	cacttggcag	360
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tcttccaa	ccacgtccc	catcgggc	atttgtctg	gcctggctgt	cctagcagtt	960
gtggtcatcg	gagctgtgt	cgctgctgt	atgtgttagga	ggaagagctc	aggtgga	1017

<210> 574

<211> 546

<212> DNA

<213> Homo sapiens

<400> 574

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cgctccgcta	ctacaaccag	agcgaggccg	ggtctcacat	catccagagg	atgtatggct	300
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agggcacgtg	cgtggagtgg	ctccgcagat	acctggagaa	cggaaaggag	acgctgcagc	540
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<210> 575

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 575

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cgcggggagc	cccgcttcat	caccgtggc	tacgtggacg	acaccagtt	cgtgagggttc	180
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tcttcccaat ccaccgtccc catcggtggc attgtgtctg gcctggctgt cctagcagt	960
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<210> 576
<211> 546
<212> DNA
<213> Homo sapiens

<400> 576	
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gcgcgg	546

<210> 577
<211> 546
<212> DNA
<213> Homo sapiens

<400> 577	
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<210> 578
<211> 822
<212> DNA
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<210> 579
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 579	
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tctcccttgtt ccacccgtccc catcgccggc attgtgttgtt gcctggctgt cctagcgtt	960
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<210> 580
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 580	
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cgcggggagc cccgttcat ctcaatgggc tacgtggacg acacgcgtt cgtgaggttc	180
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ccggaatatt gggaccggaa cacacagatc tgcaagacca acacacagac tgaccgagag	300
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tctcccttgtt ccacccgtccc catcgccggc attgtgttgtt gcctggctgt cctagcgtt	960
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<210> 581
<211> 822
<212> DNA
<213> Homo sapiens

<400> 581

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cgagtcggag agaggagccg cggcgccgt ggatagagca ggaggggccc gaatattggg	180
accggaacac acagatctgc aagaccaaca cacagactga cccgagagc ctgcggaaacc	240
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gacgactggg gcccggacggg cgcctctcc cgggtataa ccagttcgcc tacgacggca	360
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agggcacgtg cgtggagtgg ctccgcagac acctggagaa cgggaaggag acgctgcagc	540
gcgcggaccc cccaaagaca catgtgaccc accacccat ctctgaccat gagggccaccc	600
tgaggtgctg ggcctgggc ttctaccctg cggagatcac actgacccctgg cagcgggatg	660
gcgaggacca aactcaggac acccgagctg tggagaccag accaggcagga gacagaacct	720
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<210> 582

<211> 546

<212> DNA

<213> Homo sapiens

<400> 582

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cgagtcggag agaggagccg cggcgccgt ggatagagca ggaggggccc gaatattggg	180
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<210> 583

<211> 619

<212> DNA

<213> Homo sapiens

<400> 583

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cgcggggagc cccgttcat ctcgtgggc tacgtggacg acacgcgtt cgtggatgtt	180
gacagcgacg cccgagatcc gagagaggag cggcgccgc cgtggataga gcaggagggg	240
ccggaatatt gggaccggaa cacacatgc tgacccatc acacagac tgaccgagag	300
agcgtcgga acctgcggg ctactacaac cagagcgagg cgggtctca caccctccag	360
agcatgtacg gtcgtcgacgt gggccggac gggcgctcc tccgggtta taaccgttc	420
gcctacgacg gcaaggatta catgcctcg aacgaggacc tgagctctg gaccgcggcg	480
gacaccgggg cttagatcac ccagcgcaag tggaggccgg cccgtggac ggaggcagctg	540
agggctacc tggaggccac gtgcgtggag tggctccgca gacacctgga gacacggaaag	600
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<210> 584

<211> 546

<212> DNA

<213> Homo sapiens

<400> 584

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cgagtcggag agaggagccg cgggcgcgt ggatagagca ggaggggccc gaatattggg	180
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gcgacgtggg gccggacggg cgccctccgc gcgggtataa ccagttcgcc tacgacggca	360
aggattacat cgccctgaac gaggacctga gctcctggac cgcggccgac accgcggctc	420
agatcaccca ggcgaagtgg gaggccccc gtgaggcggaa gcagctgaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagac acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 585
<211> 546
<212> DNA
<213> Homo sapiens

<400> 585	
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cgagtcggag agaggagccg cgggcgcgt ggatagagca ggaggggccc gaatattggg	180
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<210> 586
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 586	
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tggcaggccc atggcgagga ccaaacttag gacaccggcgt ttgtggagac cagaccagca	780
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tacacatgcc atgtacagca tgaggggtcg ccgaagcccc tcaccctgag atgggagcca	900
tctcccttccatccatcgatggc atttgtctg gcctggctgt cttttttttt	960
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<210> 587
<211> 546
<212> DNA
<213> Homo sapiens

<400> 587

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gcgcgg	546

<210> 588

<211> 546

<212> DNA

<213> Homo sapiens

<400> 588

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cgagttcgag gatggcgccc cgggcgcat ggatagagca ggaggggccc gagtattggg	180
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<210> 589

<211> 546

<212> DNA

<213> Homo sapiens

<400> 589.

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aggattacat cgccctgaac gaggacctga gctcctggac cgcggccgac acggccgctc	420
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gcgcgg	546

<210> 590

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 590

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cgcggggagc cccgcttcat cgcagttggc tacgtggacg acacccagtt cgtgagggtc	180
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<210> 591
 <211> 1017
 <212> DNA
 <213> Homo sapiens

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 <211> 1017
 <212> DNA
 <213> Homo sapiens

<400> 592
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<211> 945
<212> DNA
<213> Homo sapiens

<400> 593

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gaccggaga cacagatctc caagaccaac acacagactt accgagagag cctcgaaac	240
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tgcgacgtgg ggccggacgg ggcctccctc cgccggcatg accagtccgc ctacgacggc	360
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<210> 594
<211> 945
<212> DNA
<213> Homo sapiens

<400> 594

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cagatcaccc agcgaagtgg gggggcc cgtgtggcgg agcagctgag acctacactg	480
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accatccca tcgtggcat ttttgctggc ctggctgtcc tagcagggtgtt ggtcatcgaa	900
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<210> 595
<211> 945
<212> DNA
<213> Homo sapiens

<400> 595

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<211> 1017

<212> DNA

<213> Homo sapiens

<400> 596

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<211> 1017

<212> DNA

<213> Homo sapiens

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<211> 1017

<212> DNA

<213> Homo sapiens

<400> 598

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<210> 599

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 599

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<210> 600

<211> 546

<212> DNA

<213> Homo sapiens

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<210> 601

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 601

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<211> 1017

<212> DNA

<213> Homo sapiens

<400> 602

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tcttccagt ccaccatccc catcgtggc atttgtgctg gcctggctgt cctagcagtt	960
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<212> DNA
<213> Homo sapiens

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<212> DNA
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<212> DNA
<213> Homo sapiens

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<211> 1017

<212> DNA

<213> Homo sapiens

<400> 606

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<211> 1017

<212> DNA

<213> Homo sapiens

<400> 607

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<210> 608

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 608

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<210> 609

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 609

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<210> 610

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 610

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cgccggggac	cccgttcat	ctcagtggc	tacgtggac	acacccagtt	cgtgaggttc	180
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<212> DNA

<213> Homo sapiens

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cgccggggac	cccgttcat	ctcagtggc	tacgtggac	acacccagtt	cgtgaggttc	180
gacagcgac	cccgagttcc	gaggagggag	ccccggcgc	catggataga	gcaggagggg	240
ccggagtatt	gggacggaa	cacacagatc	tgcaagacca	acacacagac	ttacccgagag	300
aacctcgga	tcgcgtccg	ctactacaac	cagagcgagg	ccgggtctca	caccctccag	360
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tcttccagt	ccaccatccc	catcgccggc	attgttgctg	gcctggctgt	cctagcagtt	960
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<210> 612

<211> 546

<212> DNA

<213> Homo sapiens

<400> 612

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gcgacgtgg gccggacggg cgcctctcc	cgggcatga ccagtccgcc	taegacggca	360
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agatcaccca	gcgcaagtgg	gaggcggccc	480
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<210> 613
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 613			
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tacatcgcc	atgtacagca	tgaggggctg	ccaa
tcttccagt	ccaccatccc	catcg	tcaccctgag
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<210> 614
<211> 529
<212> DNA
<213> Homo sapiens

<400> 614			
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gatetccaa	accaacacac	agacttac	agagac
caaccagagc	gaggccgggt	ctcacac	ccagaggat
ggacggcgc	ctcc	ccgc	ggcatgacca
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<212> DNA
<213> Homo sapiens

<400> 615			
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cgcggggagc	cccgttcat	cgca	gtggacg
gacagcgacg	cccgagttcc	gaggatggcg	ccccggcgc
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		acacacagac	ttaccgagag
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tggcagcggg atggcgagga ccaaactcag gacaccgagc ttgtggagac gagaccagca	780
ggagatagaa cttccagaa gtggcagct gtgggtgtc cttctggaga agagcagaga	840
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<210> 616

<211> 895

<212> DNA

<213> Homo sapiens

<400> 616

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ggagatagaa cttccagaa gtggcagct gtgggtgtc cttctggaga agagcagaga	840
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<210> 617

<211> 529

<212> DNA

<213> Homo sapiens

<400> 617

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ggcccccgg gcgcgttgcgca tagagcagga gggccggag tattggacc gggagacaca	180
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caagtggag gggcccggt aggccggagca gtggagagcc tacctggagg gcctgtgcgt	480
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<210> 618

<211> 533

<212> DNA

<213> Homo sapiens

<400> 618

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ggcgccccgg ggcggcatgga tagagcagga ggggccggag tattgggacc ggaacacaca	180
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<210> 619

<211> 546

<212> DNA

<213> Homo sapiens

<400> 619

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<210> 620

<211> 546

<212> DNA

<213> Homo sapiens

<400> 620

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<210> 621

<211> 546

<212> DNA

<213> Homo sapiens

<400> 621

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546

<210> 622
<211> 546
<212> DNA
<213> Homo sapiens

<400> 622

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<210> 623
<211> 546
<212> DNA
<213> Homo sapiens

<400> 623

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<210> 624
<211> 546
<212> DNA
<213> Homo sapiens

<400> 624

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<210> 625
<211> 546
<212> DNA

<213> Homo sapiens

<400> 625

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<210> 626

<211> 546

<212> DNA

<213> Homo sapiens

<400> 626

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cgagtcgag gatggcgccc cgggcgccat ggatagagca ggaggggccc gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
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agatcaccca ggcgaagtgg gaggcggccc gtgaggcggaa gcagctggaga gcctacctgg	480
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<210> 627

<211> 546

<212> DNA

<213> Homo sapiens

<400> 627

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cgagtcgag gatggcgccc cgggcgccat ggatagagca ggaggggccc gagtattggg	180
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agatcaccca ggcgaagtgg gaggcggccc gtgaggcggaa gcagctggaga gcctacctgg	480
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<210> 628

<211> 546

<212> DNA

<213> Homo sapiens

<400> 628

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cgagtcgag gatggcgccc cgggcgccat ggatagagca ggaggggccc gagtattggg	180

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agatcaccca ggcgaagtgg gagggccccc gtgaggcggga gcagctgaga gcctacctgg	480
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<210> 629
<211> 546
<212> DNA
<213> Homo sapiens

<400> 629	
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cgagttccgag gatggcgccc cgggcgcatt ggatagagca ggagggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagaggac ctgcggacc	240
tgcctccat ctacaaccag agcgaggccg ggtctcacac ctcctggagg atgtacggct	300
gcgacgtggg gccccacggg cgcctccat gcgggtatga ccagttccgc tacgacggca	360
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agatcaccca ggcgaagtgg gagggccccc gtgaggcggga gcagctgaga gcctacctgg	480
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<210> 630
<211> 546
<212> DNA
<213> Homo sapiens

<400> 630	
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cgagttccgag gatggcgccc cgggcgcatt ggatagagca ggagggccg gagtattggg	180
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agatcaccca ggcgaagtgg gagggccccc gtgaggcggga gcagctgaga gcctacctgg	480
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<210> 631
<211> 546
<212> DNA
<213> Homo sapiens

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tgcggccta ctacaaccag agcgaggccg ggtctcacac ctcctggagg atgtacggct	300
gcgacgtggg gccccacggg cgcctccat gcgggtatga ccagttccgc tacgacggca	360
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agatcaccca ggcgaagtgg gagggccccc gtgaggcggga gcagctgaga gcctacctgg	480
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gcgcgg

546

<210> 632

<211> 619

<212> DNA

<213> Homo sapiens

<400> 632

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cgcggggagc	cccgcttcat	cgcaagtgggc	tacgtggacg	acacccagtt	cgtgaggttc	180
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gcctacgacg	gcaaggattta	catgcctctg	aacgaggacc	tgagctctg	gaccgcggcg	480
gacacggcgg	ctcagatcac	ccagcgaaag	tggaggcgg	ccctgaggc	ggagcagtgg	540
agagcttacc	tggagggcct	gtgcgtggag	tggctccga	gatacctgga	gaacgggaag	600
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<210> 633

<211> 546

<212> DNA

<213> Homo sapiens

<400> 633

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cgagtcggag	agaggagccg	cgggcgccgt	ggatagagca	ggagggggccg	gagtattggg	180
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gcgacgtggg	gccccacggg	cgccctctcc	cgccgcata	ccagtcggcc	tacgacggca	360
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<210> 634

<211> 546

<212> DNA

<213> Homo sapiens

<400> 634

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cgagtcggag	gatggcgccc	cgggcgccat	ggatagagca	ggagggggccg	gagtattggg	180
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agggcgtgt	cgtggagtgg	ctccgcagat	acctggagaa	cggaaggag	acgctgcage	540
gcgcgg						546

<210> 635

<211> 546

<212> DNA

<213> Homo sapiens

<400> 635

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gcttcatctc agtggctac gtggacgaca cgcagtttgt gaggttcgac agcgacgccc	120
cgagtccgag agaggagccg cgggcgcgt ggatagagca ggagggccg gagtattggg	180
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agggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgccgg	546

<210> 636

<211> 546

<212> DNA

<213> Homo sapiens

<400> 636

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cgagtccgag gatggcgcc cgggcgcgt ggatagagca ggagggccg gagtattggg	180
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gcgacgtggg gccggacggg cgccctctcc gcgggcatga ccagttccgc tacgacggca	360
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<210> 637

<211> 546

<212> DNA

<213> Homo sapiens

<400> 637

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cgagtccgag agaggagccg cgggcgcgt ggatagagca ggagggccg gagtattggg	180
accggAACAC acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
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<210> 638

<211> 619

<212> DNA

<213> Homo sapiens

<400> 638

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cgcggggagc cccgttcat ctca	tgtggacg acacgcgtt cgtgagg	180
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<210> 639
<211> 619
<212> DNA
<213> Homo sapiens

<400> 639		
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cgcggggagc cccgttcat caccgtggc tacgtggacg acacgttgtt	cgtgagg	180
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ccggagtatt gggaccggga gacacagatc tccaagacca acacacagac	ttaccgag	300
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gacacggcggt tcagatcac ccagcgaag tggaggcgg cccgtgaggc	ggagcagtgg	540
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<210> 640
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 640		
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tcttcccaatcg ccaccatccc catgtggc attgtgtctg gcctggctgt	cctacgcgtt	960
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<210> 641
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 641

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cgcggggagc	cccgcttcat	cgcaagtggc	tacgtggacg	acacccagtt	cgtgagggtc	180
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tcttcccagt	ccaccatccc	catcgccggc	atttgtctg	gcctggctgt	cctagcagtt	960
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<210> 642

<211> 546

<212> DNA

<213> Homo sapiens

<400> 642

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cgagtccgag	gatggcgccc	cgggcgccat	ggatagagca	ggagggggccg	gagtatttggg	180
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gcbcacgtggg	gcccggacggg	cgccctcc	gcccgcata	ccagttccgc	tacgacggca	360
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agggcctgtg	cgtggagtg	ctccgcagat	acctggagaa	cgggaaaggag	acgctgcagc	540
gcgcgg						546

<210> 643

<211> 615

<212> DNA

<213> Homo sapiens

<400> 643

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gggagccccc	cttcatcga	gtggctacg	tggacgacac	ccagttctgt	agttcgaca	180
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<210> 644

<211> 619

<212> DNA

<213> Homo sapiens

<400> 644

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cgcggggagc cccgcgttc catgcgtggc tacgtggacg acaccaggat cgtgagggttc	180
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ccggagtatt gggaccggga gacacagatc tccaagacca acacacagac ttaccgagag	300
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gacacggcg ctcagatcac ccagcgtcaag tggggggcg cccgtgaggc ggagcagtgg	540
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gagacgctgc agcgcgcgg	619

<210> 645

<211> 546

<212> DNA

<213> Homo sapiens

<400> 645

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gcttcatcgc agtgggtac gtggacgaca cccagttcgat gaggttcaac agcgcacgcgg	120
cgagtccgag gatggcgccc cggcgccat ggatagagca ggagggcccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
tgcgcggcta ctacaaccag agcggcccg ggttcacac cttccagagg atgtacggct	300
gcaactgtgg gccggacggg cgcctctcc gcgggcatga ccagtcggcc tacgacggca	360
aggattacat cgccctgaac gaggacctga gtcctggac cgcggccgc acggggctc	420
agatcaccca gcaactgtgg gaggccgcgt gtagggcgga gcaactgtgg gcaactgtgg	480
agggcctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 646

<211> 546

<212> DNA

<213> Homo sapiens

<400> 646

gctcccaactc catgaggttat ttctacaccg ccatgtcccg gcccggccgc ggggagccccc	60
gcttcatcgc agtgggtac gtggacgaca cgcgttcgt gaggttcgac agcgcacgcgg	120
cgagtccgag agaggagccg cggcgccgt ggatagagca ggagggcccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactga ccgagagagc ctgcggaaacc	240
tgcgcggcta ctacaaccag agcggcccg ggttcacac cttccagagg atgtacggct	300
gcaactgtgg gccggacggg cgcctctcc gcgggcatga ccagtcggcc tacgacggca	360
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agatcaccca gcaactgtgg gaggccgcgt gtagggcgga gcaactgtgg gcaactgtgg	480
agggcctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 647

<211> 546

<212> DNA

<213> Homo sapiens

<400> 647

gctcccaactc catgaggttat ttctacaccg ccatgtcccg gcccggccgc ggggagccccc	60
gcttcatcgc agtgggtac gtggacgaca cgcgttcgt gaggttcgac agcgcacgcgg	120

cgagtccgag agaggagccg cggggccgt ggatagagca ggagggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta cgagagagc ctgcggAAC	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacat catccagagg atgtatggct	300
gcgacctggg gccccacggg cgcctccatcc gccccatga ccagtcggcc tacgacggca	360
aggattacat cgccctgaac gaggacctga gtcctggac cggggggac acggcggtc	420
agatcaccca gcgcaagtgg gaggccccc gtgaggccgaa gcagctgaga gcctacctgg	480
agggcctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 648

<211> 546

<212> DNA

<213> Homo sapiens

<400> 648

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gcttcatcg agtgggtac gtggacgaca cccagttgt gaggttcgac agcgacgccc	120
cgagtccgag gatggcgccc cggggccat ggatagagca ggagggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta cgagagagc ctgcggAAC	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
gcgacgtggg gccccacggg cgcctccatcc gccccatga ccagtcggcc tacgacggca	360
aggattacat cgccctgaac gaggacctga gtcctggac cggggggac acggcggtc	420
agatcaccca gcgcaagtgg gaggccccc gtgaggccgaa gcagctgaga gcctacctgg	480
agggcctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 649

<211> 546

<212> DNA

<213> Homo sapiens

<400> 649

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gcttcatcg agtgggtac gtggacgaca cccagttgt gaggttcgac agcgacgccc	120
cgagtccgag agaggagccg cggggccgt ggatagagca ggagggccg gagtattggg	180
accggAACAC acagatctcc aagaccaaca cacagactta cgagagagc ctgcggAAC	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
gcgacgtggg gccccacggg cgcctccatcc gccccatga ccagtcggcc tacgacggca	360
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agatcaccca gcgcaagtgg gaggccccc gtgaggccgaa gcagctgaga gcctacctgg	480
agggcctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 650

<211> 546

<212> DNA

<213> Homo sapiens

<400> 650

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gcttcatcg agtgggtac gtggacgaca cccagttgt gaggttcgac agcgacgccc	120
cgagtccgag gatggcgccc cggggccat ggatagagca ggagggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta cgagagagc ctgcggAAC	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
gcgacgtggg gccccacggg cgcctccatcc gccccatga ccagtcggcc tacgacggca	360
aggattacat cgccctgaac gaggacctga gtcctggac cggggggac acggcggtc	420
agatcaccca gcgcaagtgg gaggccccc gtgaggccgaa gcagctgaga gcctacctgg	480

agggcctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 651
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 651	
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gagacctggg ccggctccca ctccatgagg tatttctaca cggccatgtc cggcccccggc	120
cgcggggagc cccgcctcatc cgactgggc tacgtggacg acacccagtt cgtgagggttc	180
gacagcgacg ccggagatcc gaggatggcg ccccgccgc catggataga gcaggagggg	240
ccggaggtatt gggaccggga gacacagatc tgcaagacca acacacagac ttaccgagag	300
agcctgcgga acctgcgcgg ctactacaac cagagcgagg cccgtctca caccctccag	360
aggatgtacg gtcgcacgt ggggcggac ggggcctcc tccgcggca tgaccagtcc	420
gcctacgacg gcaaggattt catgcctctg aacgaggacc tgagctctg gaccgcggcg	480
gacacggcggt tcacatcac ccagcgcaag tgggaggcg cccgtgaggc ggagcagtgg	540
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gagacgctgc agcgcgcgg cccccaag acacatgtga cccaccaccc catctctgac	660
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tggcagcggg atggcgagga ccaaacttag gacaccgac ttgtggagac cagaccagca	780
ggagatagaa cttccagaa gtggcagctt gtgggtgtc cttctggaga agagcagaga	840
tacacatgcc atgtacagca tgagggctg ccgaagcccc tcaccctgat atgggagcca	900
tcttccctgtt ccaccatccc catgtgggc attgtgtctt gctggctgt ctttaggtt	960
gtggcatcg gagctgttgtt cgctactgtt atgtgttagga ggaagagatc aggtgga	1017

<210> 652
<211> 546
<212> DNA
<213> Homo sapiens

<400> 652	
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gtttcatcgat agtgggttac gtggacgaca cgcaggctgtt gagggttcgac agcgacgcgg	120
cgaggccatcgtt gatggcgccc cgggcgcattt gatagagca ggagggcccg gaggatgggg	180
accgggagac acggaaatcg aaggccctcg cgcagactta ccgagagaac ctgcggatcg	240
cgctccgtt ctacaaccatc agcgaggccg ggttcacac ttggcagagg atgtatggct	300
gcgacttggg gcccgcggg cgcctctcc cggggcatga ccagtcgcctt tacgacggca	360
aggattacat cgcctgaac gaggacatcg gtcctggac cgcggccggac acggccggctc	420
agatcaccca gcacaagtgg gaggccgcgtt gtagggggca gcaatgtt gatccatcg	480
agggcctgtt cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 653
<211> 822
<212> DNA
<213> Homo sapiens

<400> 653	
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gtttcatctc agtgggttac gtggacgaca cccaggctgtt gagggttcgac agcgacgcgg	120
cgaggccatcgtt agaggaggccg cgggcgcctt gatagagca ggagggcccg gaggatgggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagacg ctgcggaaacc	240
tgcggctttt ctacaaccatc agcgaggccg ggttcacac ctcctggac atgtacggct	300
gcgacttggg gcccgcggg cgcctctcc cggggcatga ccagtcgcctt tacgacggca	360
aggattacat cgcctgaac gaggacatcg gtcctggac cgcggccggac acggccggctc	420

agatcaccca ggcgaagtgg gaggcgccggtgaggcgga gcagtggaga gcctacctgg	480
agggcctgtcgtggacttcgcagat acctggagaa cgggaaggag acgctgcagc	540
gcccggacccccc aaagaca catgtgaccc accacccat ctctgaccat gagggccaccc	600
tgaggtgctggccttctaccctg cggagatcac actgacctgg cagcggatgg	660
gcccggacca aactcaggac accgagcttg tggagaccag accagcagga gatagaacct	720
tccagaagtggcagctgtgtgggccttctggagaaga gcagagatac acatgccatg	780
tacagcatga gggctgccc aagccctca ccctgagatgg	822

<210> 654

<211> 546

<212> DNA

<213> Homo sapiens

<400> 654

gctcccaactc catgaggttat ttctacaccgcacatgtcccg gcccggccgc ggggagccccc	60
gcttcatctc agtggctac gtggacgaca cgcagtttgtgagttcgac agcgacgccc	120
cgagtcgag agaggagccg cggcgccgt ggatagagca ggagggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggAACCC	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
gacgtgccc gccggacggg cgcctctcc gcccggatgac ccagtccgccc tacgacggca	360
aggattacat cgccctgaac gaggacctga gtcctggac cgcggccgac acggccggctc	420
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agggcctgtcgtggacttcgcagat acctggagaa cgggaaggag acgctgcagc	540
gcccggacccccc aaagaca catgtgaccc accacccat ctctgaccat gagggccaccc	546

<210> 655

<211> 546

<212> DNA

<213> Homo sapiens

<400> 655

gctcccaactc catgaggttat ttctacaccgcacatgtcccg gcccggccgc ggggagccccc	60
gcttcatctc agtggctac gtggacgaca cccagtttgtgagttcgac agcgacgccc	120
cgagtcgag gatggcgccc cggcgccat ggatagagca ggagggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactga ccgagagagc ctgcggAACCC	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
gacgtgccc gccggacggg cgcctctcc gcccggatgac ccagtccgccc tacgacggca	360
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agggcctgtcgtggacttcgcagat acctggagaa cgggaaggag acgctgcagc	540
gcccggacccccc aaagaca catgtgaccc accacccat ctctgaccat gagggccaccc	546

<210> 656

<211> 822

<212> DNA

<213> Homo sapiens

<400> 656

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gcttcatctc agtggctac gtggacgaca cccagtttgtgagttcgac agcgacgccc	120
cgagtcgag gatggcgccc cggcgccat ggatagagca ggagggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggAACCC	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
gacgtgccc gccggacggg cgcctctcc gcccggatgac ccagtccgccc tacgacggca	360
aggattacat cgccctgaac gaggacctga gtcctggac cgcggccgac acggccggctc	420
agatcaccca ggcgaagtgg gaggcgccggtgaggcgga gcagtggaga gcctacctgg	480
agggcctgtcgtggacttcgcagat acctggagaa cgggaaggag acgctgcagc	540

gcgcggaccc cccaaagaca catgtgaccc accacccat ctctgaccat gaggccaccc	600
tgaggtgctg gccctggc ttctaccctg cgagatcac actgacctgg cagcggatg	660
gcgaggacca aactcaggac accgagctt tggagaccag accagcagga gatagaacct	720
tccagaagtg ggcagctgt gtgggcctt ctggagaaga gcagagatac acatgccatg	780
tacagcatga gggctgccc aagccctca ccctgagatg gg	822

<210> 657
<211> 822
<212> DNA
<213> Homo sapiens

<400> 657	
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gcttcatctc agtggctac gtggacgaca cgcagttcgat gaggttcgac agcgcacgccc	120
cgagtccgag agaggagccg cggcgccgt ggatagagca ggaggggccc gagtattggg	180
accggaaacac acagatctgc aagaccaaca cacagactta ccgagagagc ctgcggAAC	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
gcgacgtggg gcccggacggg cgcctctcc gcccgcataa ccagttccgccc tacgacggca	360
aggattacat cgccctgaac gaggacctgc gtcctggac cgcggccgac acggcggtc	420
agatcaccca ggcgaagtgg gaggccggcc gtgaggccgaa gcagctgaga gcctacctgg	480
agggctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgccggaccc cccaaagaca catgtgaccc accacccat ctctgaccat gaggccaccc	600
tgaggtgctg gccctggc ttctaccctg cgagatcac actgacctgg cagcggatg	660
gcgaggacca aactcaggac accgagctt tggagaccag accagcagga gatagaacct	720
tccagaagtg ggcagctgt gtgggcctt ctggagaaga gcagagatac acatgccatg	780
tacagcatga gggctgccc aagccctca ccctgagatg gg	822

<210> 658
<211> 546
<212> DNA
<213> Homo sapiens

<400> 658	
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gcttcatcgc agtggctac gtggacgaca cccagttcgat gaggttcgac agcgcacgccc	120
cgagtccgag gatggcgccc cggcgccat ggatagagca ggaggggccc gagtattggg	180
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tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
gcgacgtggg gcccggacggg cgcctctcc gcccgcataa ccagttccgccc tacgacggca	360
aggattacat cgccctgaac gaggacctga gtcctggac cgcggccgac acggcggtc	420
agatcaccca ggcgaagtgg gaggccggcc gtgaggccgaa gcagttggaga gcctacctgg	480
agggctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcccgg	546

<210> 659
<211> 546
<212> DNA
<213> Homo sapiens

<400> 659	
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gcttcatctc agtggctac gtggacgaca cgcagttcgat gaggttcgac agcgcacgccc	120
cgagtccgag agaggagccg cggcgccgt ggatagagca ggaggggccc gagtattggg	180
accgggagac acagatctcc aagatcaaca cacagactta ccgagagagc ctgcggAAC	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
gcgacgtggg gcccggacggg cgcctctcc gcccgcataa ccagttccgccc tacgacggca	360
aggattacat cgccctgaac gaggacctga gtcctggac cgcggccgac acggcggtc	420

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agggcctgt	cgtggagtgg	ctccgcagat	acctggagaa	cgggaaggag	acgctgcagc	540
gcgcgg						546

<210> 660
<211> 546
<212> DNA
<213> Homo sapiens

<400>	660	gtccccactc	catgaggtat	ttctacaccc	ccatgtcccg	gcccgccgc	ggggagccccc	60
gcttcatcgc	agtgggtac	gtggacgaca	cccaagtctgt	gagggtcgac	agcgacgcgc		120	
cgagtcggag	gttggcgccc	cgggcgccat	ggatagagca	ggaggggccc	gagtattggg		180	
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tgcgggcta	ctacaaccag	agcgaggccc	ggtctcacac	cctccagagg	atgtacggct		300	
gcgacgtggg	gccggacggg	cgcctctcc	cggggcata	ccagtcggcc	tacgacggca		360	
aggattacat	cgcctgaac	gaggacactg	gtctcgac	cgcggggac	acggcggtc		420	
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gcgcgg							546	

<210> 661
<211> 1017
<212> DNA
<213> Homo sapiens

<400>	661	atgcgggtca	cggcgccccg	aaccctccctc	ctgtgtctt	ggggggcagt	ggccctgacc	60
gagacctggg	ctggctccca	ctccatgagg	tatttccaca	cctccgtgtc	ccggcccgcc		120	
cgcggggagc	cccgcttcat	ctcagtgggc	tacgtggacg	gcacccagg	ctgtgagggtc		180	
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ccggagttt	gggacccgaa	cacacagatc	tccaagacca	acacacagac	ttaccgagag		300	
agcctcgccg	acctgcgcgg	ctactacaac	cagagcgagg	ccgggtctca	caccctccag		360	
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gcctacgacg	gcaaggattt	catcgccctg	aacgaggacc	tgagctcttg	gaccgcggcg		480	
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tctccctgt	ccaccatccc	catcgccggc	atttgtctg	gcctggctgt	cctagcagtt		960	
gtggcatacg	gagctgtgg	cgctactgt	atgtgttagga	ggaagagctc	aggtgg		1017	

<210> 662
<211> 546
<212> DNA
<213> Homo sapiens

<400>	662	gtccccactc	catgaggtat	ttccacaccc	ccgtgtcccg	gcccgccgc	ggggagccccc	60
gcttcatcgc	agtgggtac	gtggacggca	cccaagtctgt	gagggtcgac	agcgacgcgc		120	
cgagtcggag	gacggagccc	cgggcgccgt	ggatagagca	agagggggccg	gagtattggg		180	
accggaaacac	acagatctcc	aagaccaaca	cacagactta	cagagagagc	ctgcggaaacc		240	
tgcgggcta	ctacaaccag	agcgaggccc	ggtctcacac	cctccagagg	atgtacggct		300	
gcgacgtggg	gccggacggg	cgcctctcc	cggggcata	ccagtcggcc	tacgacggca		360	
aggattacat	cgcctgaac	gaggacctg	gtcctggac	cgcggggac	accgcggctc		420	

agatcaccca gcgcagaatgg gaggcgcccc gtgtggcgga gcagctgaga gcctacctgg	480
aggcacgtc cgtggagtgg ctccgcac acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 663
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 663

atgcgggtca cggcgccccg aaccctcctc ctgctgctt gggggcagt ggccctgacc	60
gagacctggg ctggctcca ctccatgagg tatttcaca cctccgttc cggccggc	120
cgcggggagc cccgctcat ctcaatgggc tacgtggacg gcacccagtt cgtgaggttc	180
gacagcgacg cgcgcgttc gaggacggag cccggcgc cgtggataga gcaagagggg	240
ccggagtatt gggaccggaa cacacagatc tccaagacca acacacagac ttaccgagag	300
agcctgcgg aacctgcggg ctactacaac cagagcgagg cgggtctca caccctccag	360
aatatgtatg gctgcgacgt gggccggac gggccctcc tccggggca tgaccagtcc	420
gcctacgacg gcaaggatta catgcctc aacgaggacc tgagctctg gaccgcggcg	480
gacaccgcgg ctcaatgcac ccacgcgaag tgggaggcgg cccgtgtggc ggacgcgtc	540
agagcctacc tggagggcac gtgcgtggag tggctccca gacacccatggaa gacggggaaag	600
gagacgttc aegcgcggg ccccccggaa acacatgtga cccaccaccc catctctgac	660
catgaggcca ccctgagggtg ctggccctg ggcttctacc ctgcggagat cacaatgacc	720
tggcagcgaaa atggcgagga ccaaacttag gacaccggac ttgtggagac cagaccagca	780
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tcttcccaatcc caaccatccc catcgtgggc atttgtgttgc gcctggctgt cctagcagtt	960
gtggcatcg gagctgtgtt cgctactgtt atgtgttagga ggaagagctc aggtgga	1017

<210> 664
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 664

atgcgggtca cggcgccccg aaccctcctc ctgctgctt gggggcagt ggccctgacc	60
gagacctggg ctggctcca ctccatgagg tatttcaca cctccgttc cggccggc	120
cgcggggagc cccgctcat ctcaatgggc tacgtggacg gcacccagtt cgtgaggttc	180
gacagcgacg cgcgcgttc gaggacggag cccggcgc cgtggataga gcaagagggg	240
ccggagtatt gggaccggaa cacacagatc tccaagacca acacacagac tgaccgagag	300
agcctgcgg aacctgcggg ctactacaac cagagcgagg cgggtctca caccctccag	360
aggatgtacg gtcgtgcgtt gggccggac gggccctcc tccggggca tgaccagtcc	420
gcctacgacg gcaaggatta catgcctc aacgaggacc tgagctctg gaccgcggcg	480
gacaccgcgg ctcaatgcac ccacgcgaag tgggaggcgg cccgtgtggc ggacgcgtc	540
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gagacgttc aegcgcggg ccccccggaa acacatgtga cccaccaccc catctctgac	660
catgaggcca ccctgagggtg ctggccctg ggcttctacc ctgcggagat cacaatgacc	720
tggcagcgaaa atggcgagga ccaaacttag gacaccggac ttgtggagac cagaccagca	780
ggagatagaa ccttcagaa gtggcagttt gttgtgggtc cttctggaga agagcagaga	840
tacacatgcc atgtacagca tgagggcgtt ccgaaggcccc tcaccctgat atgggagcca	900
tcttcccaatcc caaccatccc catcgtgggc atttgtgttgc gcctggctgt cctagcagtt	960
gtggcatcg gagctgtgtt cgctactgtt atgtgttagga ggaagagctc aggtgga	1017

<210> 665
<211> 546
<212> DNA
<213> Homo sapiens

<400> 665

gctcccaactc catgaggtat ttetacaccg ccatgtcccg gcccggccgc ggggagcccc	60
gcttcattgc agtggctac gtggacggca cccagttgt gaggttcgac agcgacgccc	120
cgagtccgag gacggagccc cgggcgcgt ggatagagca agagggccg gagtattggg	180
accggaacac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
gcgacgtggg gccggacggg cgccctctcc gcgggcatga ccagtccgac tacgacggca	360
aggattacat cgccctgaac gaggacctga getcctggac cgcggccgac accgcggctc	420
agatcaccca ggcgaagtgg gaggccccc gtgtggcga gcagctgaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagac acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 666

<211> 546

<212> DNA

<213> Homo sapiens

<400> 666

gctcccaactc catgaggtat ttccacacct ccgtgtcccg gcccggccgc ggggagcccc	60
gcttcatttc agtggctac gtggacggca cccagttgt gaggttcgac agcgacgccc	120
cgagtccgag gacggagccc cgggcgcgt ggatagagca agagggccg gagtattggg	180
accggaacac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
gcgacgtggg gccggacggg cgccctctcc gcgggcatga ccagtccgac tacgacggca	360
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agatcaccca ggcgaagtgg gaggccccc gtgtggcga gcagctgaga gcctacctgg	480
agggcacgtg cgtggagtgg ctccgcagac acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 667

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 667

atgcgggtca cggcgccccg aaccctctc ctgctgctt gggggcagt gcccctgacc	60
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cggggggagc cccgcttcat ctcaatgggc tacgtggacg gcaccaggat cgtgagggttc	180
gacagcgacg cggcgagtcc gaggacggag cccggccgc cgtggataga gcaagagggg	240
ccggagtatt gggacggaa cacacagatc tccaagacca acacacagac ttaccgatgt	300
agccctgcgg aacctgcggg ctactacaac cagagcgagg cgggtctca caccctccag	360
aggatgtacg gtcgcacgt gggccggac gggcgctcc tccggggca tgaccagtcc	420
gcctacgac gcaaggattt catgcctctg aacgaggacc tgagctctg gaccgcggcg	480
gacaccgcgg ctcaatcac ccagcgcaag tggaggccgg cccgtgtggc ggagcagctg	540
agagcttacc tggaggccac gtgcgtggag tggctccca gacacctggaa gaacggaaag	600
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tacacatgcc atgtacagea tgagggctg ccgaagcccc tcaccctgat atgggagcca	900
tcttcccaatg ccaccatccc catcgccggc attgtgtgtc gctggctgt cctagcgtt	960
gtggcattcg gagctgttgt cgctactgtg atgtgttagga ggaagagctc aggtggaa	1017

<210> 668

<211> 546

<212> DNA

<213> Homo sapiens

<400> 668

gctcccaactc catgaggtat ttccacaccc ttcgttcccg gccccggccgc gggggagcccc	60
gcttcatttc agtgggctac gtggacggca cccagttcgat gaggttgcac agcgcacggccg	120
cgagtccggag gacggagcccc cggggcgccgt ggatagagca agagggggccgc gaggatattggg	180
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agatcaccca gcgcacgtgg gaggcggccc gtgtggccga gcagctgaga gcctacctgg	480
agggcacgtg cgtggagtgcc ctccgcagac acctggagaa cgggaaggag acgcgtcgac	540
gcgcgg	546

<210> 669

<211> 546

<212> DNA

<213> Homo sapiens

<400> 669

gctcccactc catgaggtat ttccacacct ccgtgtcccg gccccggccgc gggggagcccc	60
gcttcatctc agtgggctac gtggacggca cccagttcggt gaggttcgac agcgacgccc	120
cgagtccgag gacggagccc cggggcgcgt ggatagagca agaggggccc gagttattggg	180
accggaaacac acagatctcc aagaccaaaca cacagactta ccgagagagc ctggggaaacc	240
tgcgcggcta ctacaaccag agcgaggccg ggttcacac cctccagagg atgtgcggct	300
gcgcacgtggg gccggacggg cgcctctcc gcggggcatga ccagttccgc tacgacggca	360
aggattacat cgcctgaac gaggaccta gtcctggac cgcgccggac accgcggctc	420
agatcaccca gcgcacgtgg gaggcggccc gtgtggccga gcagctgaga gcctacctgg	480
aggggcacgtg cgtggagtgcc ctccgcagac acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 670

<211> 546

<212> DNA

<213> Homo sapiens

<400> 670

gctcccaactc catgaggtat ttccacacct ccgtgtcccg gcccggccgc ggggagcccc	60
gcttcatctc agtggctac gtggacggca cccagttcg gaggttcgac agcgacgccc	120
cgagtcggag gacggagccc cgggcgcgt ggatagagca agaggggcgcg gagtattggg	180
accggAACAC acagatctcc aagaccaaca cacagactta ccggAGAGAAC ctggcgcaccc	240
cgctccgcta ctacaaccag agcgaggccg ggtctcacac cttccagagg atgtacggct	300
gcgacgtggg gccggacggg cgcctctcc gcgggcatga ccagtccgc tacgacggca	360
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agatcaccca gcgcAAGTGG gaggcggccgtgtggggggggactgaga gcctacctgg	480
agggcacgtg cgtggagtg ctccgcagac acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 671

<211> 546

<212> DNA

<213> Homo sapiens

<400> 671

gctcccaact catgaggtat ttccacacct ccgtgtcccg gccccggccgc gggggagcccc	60
gcttcatctc agtgggctac gtggacggca cccagtttgt gaggttcgcac agcgacgccc	120
cgagtcccgag gacggagcccc cggggccgcgt ggatagagca agagggggcccg gagtattgggg	180
accggAACAC acagatctcc aagaccaaca cacagactta ccggagagagc ctggcggaaacc	240

tgcgcggcta ctacaaccag	agcgaggccc	ggtctcacac	cctccagagg	atgtacggct	300
gca	gacgtggg	gcggacggg	cgcctc	cgccccatga	360
aggattacat	cgcctgaac	gaggacctga	gctc	ctggac	420
agatcaccca	gcaagtgg	gaggcggccc	gtgtggcgg	gcagctgaga	480
agggcagtg	cgtggagtgg	ctccgcagat	acctggagaa	cggaggag	540
gcgcgg					546

<210> 672

<211> 546

<212> DNA

<213> Homo sapiens

<400> 672

gtccca	actc catgagg	ttccacac	ccgtgtccc	gcccggcc	60
gttc	atctc agtgg	gtggacgg	cccagtt	gagg	120
cgag	tccgag gacgg	ggcc	ggatag	agaggg	180
accgg	aacac acagat	ctcc	acac	ccat	240
tgcgc	ggccta	cata	ccat	ccat	300
gca	gctgg	ccgg	ggat	ggat	360
aggatt	acat cgcct	gac	gagg	gggg	420
agat	caccca	gca	gagg	ggcc	480
aggg	cacgt	gtgg	ggat	ggag	540
gcgcgg					546

<210> 673

<211> 546

<212> DNA

<213> Homo sapiens

<400> 673

gtccca	actc catgagg	ttccacac	ccgtgtccc	gcccggcc	60
gttc	atctc agtgg	gtggacgg	cccagtt	gagg	120
cgag	tccgag gacgg	ggcc	ggatag	agaggg	180
accgg	gagac acagat	ctcc	acac	ccat	240
tgcgc	ggccta	cata	ccat	ccat	300
gca	gctgg	ccgg	ggat	ggat	360
aggatt	acat cgcct	gac	gagg	gggg	420
agat	caccca	gca	gagg	ggcc	480
aggg	cacgt	gtgg	ggat	ggag	540
gcgcgg					546

<210> 674

<211> 546

<212> DNA

<213> Homo sapiens

<400> 674

gtccca	actc catgagg	ttccacac	ccgtgtccc	gcccggcc	60
gttc	atctc agtgg	gtggacgg	cccagtt	gagg	120
cgag	tccgag gacgg	ggcc	ggatag	agaggg	180
accgg	gagac acagat	ctcc	acac	ccat	240
tgcgc	ggccta	cata	ccat	ccat	300
gca	gctgg	ccgg	ggat	ggat	360
aggatt	acat cgcct	gac	gagg	gggg	420
agat	caccca	gca	gagg	ggcc	480
aggg	cacgt	gtgg	ggat	ggag	540
gcgcgg					546

<210> 675
<211> 546
<212> DNA
<213> Homo sapiens

<400> 675

gctcccaactc catgaggtat ttccacac	60
ccgtgtcccg gcccggccgc ggggagcccc	120
gcttcatctc agtgggctac gtggacggca cccagttcgat gaggttcgac agcgacgccc	180
cgagtccgag gacggagccc cgggcccgt ggatagagca agagggccg gagtattggg	240
accggaacac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggAAC	300
tgcgggcta ctacaaccag agcgaggccg ggttcacac cctccagagg atgtacggct	360
gcgacgtggg gccggacggg cgccctctcc ggggcatga ccagtccgccc tacgacggca	420
aggattacat cgccctgaac gaggacctga gtcctggac cgcggccgac accggggctc	480
agatcaccca ggcgaagtgg gaggccccc gtgtggccgaa gcagctgaga gcctacctgg	540
agggcacgtg cgtggagtgg ctccgcagac acctggagaa cgggaaggag acgctgcagc	
gcgcgg	546

<210> 676
<211> 546
<212> DNA
<213> Homo sapiens

<400> 676

gctcccaactc catgaggtat ttccacac	60
ccgtgtcccg gcccggccgc ggggagcccc	120
gcttcatctc agtgggctac gtggacggca cccagttcgat gaggttcgac agcgacgccc	180
cgagtccgag gacggagccc cgggcccgt ggatagagca agagggccg gagtattggg	240
accggaacac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggAAC	300
tgcgggcta ctacaaccag agcgaggccg ggttcacac cctccagagg atgtacggct	360
gcgacgtggg gccggacggg cgccctctcc ggggcatga ccagtccgccc tacgacggca	420
aggattacat cgccctgaac gaggacctga gtcctggac cgcggccgac accggggctc	480
agatcaccca ggcgaagtgg gaggccccc gtgtggccgaa gcagctgaga gcctacctgg	540
agggcacgtg cgtggagtgg ctccgcagac acctggagaa cgggaaggag acgctgcagc	
gcgcgg	546

<210> 677
<211> 546
<212> DNA
<213> Homo sapiens

<400> 677

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ccgtgtcccg gcccggccgc ggggagcccc	120
gcttcatctc agtgggctac gtggacggca cccagttcgat gaggttcgac agcgacgccc	180
cgagtccgag gacggagccc cgggcccgt ggatagagca agagggccg gagtattggg	240
accggaacac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggAAC	300
tgcgggcta ctacaaccag agcgaggccg ggttcacac cctccagagg atgtacggct	360
gcgacgtggg gccggacggg cgccctctcc ggggcatga ccagtccgccc tacgacggca	420
aggattacat cgccctgaac gaggacctga gtcctggac cgcggccgac accggggctc	480
agatcaccca ggcgaagtgg gaggccccc gtgtggccgaa gcagctgaga gcctacctgg	540
agggcacgtg cgtggagtgg ctccgcagac acctggagaa cgggaaggag acgctgcagc	
gcgcgg	546

<210> 678
<211> 546
<212> DNA
<213> Homo sapiens

<400> 678

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gcttcatacac cgtgggctac gtggacgaca ctgtgtcgat gaggttgcac agcgacgccc	120
cgagttccgag agaggagccg cggcgccgt ggatagagca ggaggggccc gagtattggg	180
accgggagac acagatctgc aaggccaagg cacagactta ccgagagaac ctgcgcaccc	240
cgctccgcta ctacaaccag aecgaggccg ggtctcacac cttccagaat atgtatggct	300
gcgacgtggg gcggacggg cgccctcccg cgccgttacca ccaggacgcc tacgacggca	360
aggattacat cgccctgaac gaggacctga gtcctggac cgccgcggac acggcggctc	420
agatcaccacca ggcgaagtgg gaggccccc gtgtggcggaa gcagctgaga gcctacctgg	480
agggcggatgt cggtggatgtt ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
ggcgg	546

<210> 679
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 679	
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gagacctggg ctggctccca ctccatgagg tatttccaca cttccgtgtc cggcccccgc	120
cgcggggagc cccgcttcat caccgtggc tacgtggacg acacgctgtt cgtgagggtt	180
gacagcgacg cccgcgagtc gagagaggag cccggggcgc cgtggataga gcaggagggg	240
ccggagttt gggaccggga gacacagatc tgcaaggcca aggacacagac tgaccgagag	300
aacctcgccgatc tgcgtcccg tctactacaac cagagcgagg cccgggtctca caccctccag	360
aatatgtatg gtcgtgcacgt gggccggac gggccctcc tccggggta ccaccaggac	420
gcctacgacg gcaaggatta catgccttg aacgaggacc tgagctctg gaccggccgc	480
gacacggcgg ctcagatcac ccagcgcaag tggggggcgg cccgtgtggc ggacgcagctg	540
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gagacgtgc acgcgcgcga ccccccggaa acacacgtga cccaccaccc catctctgac	660
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tcttcccaatgtt ccaccgtccc catcgccggc attgttgcgt gcctggctgt cctagcgtt	960
gtggcatcg gagctgtgtt cgctgtgtt atgtgttagga ggaagagctc aggtgga	1017

<210> 680
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 680	
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cgcggggagc cccgcttcat caccgtggc tacgtggacg acacgctgtt cgtgagggtt	180
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aatatgtatg gtcgtgcacgt gggccggac gggccctcc tccggggta ccaccaggac	420
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gacacggcgg ctcagatcac ccagcgcaag tggggggcgg cccgtgtggc ggacgcagctg	540
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tcttcccaatgtt ccaccgtccc catcgccggc attgttgcgt gcctggctgt cctagcgtt	960
gtggcatcg gagctgtgtt cgctgtgtt atgtgttagga ggaagagctc aggtgga	1017

<210> 681
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 681
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gagacctggg ctggctcca ctccatgagg tatttccaca cctccgtgtc cggcccccgc 120
cgcgccccgac cccgcttcat cacgtgggc tacgtggacg acacgctgtt cgtgagggttc 180
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gcctacgacg gcaaggatta catgccttg aacgaggacc tgagctctg gaccgcccgc 480
gacacggcggtt ctagatcac ccagcgcaag tgggaggcgcc cccgtggac ggagcagctg 540
agagcctacc tggagggcga gtgcgtggag tggctccgca gatacctgga gaacgggaag 600
gagacgctgc agcgcgcggaa ccccccggaa acacacgtga cccaccaccc catctctgac 660
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tcttcccaatcc acccggtccc catcggtggc attgttgcgt gcctggctgt cctagcgtt 960
gtggcatcg gagctgtgtt cgctgctgt atgtgttagga ggaagagctc aggtgga 1017

<210> 682
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 682
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gagacctggg ctggctcca ctccatgagg tatttccaca cctccgtgtc cggcccccgc 120
cgcgccccgac cccgcttcat cacgtgggc tacgtggacg acacgctgtt cgtgagggttc 180
gacagcgacg ccgcgagtcg gagagaggag cgccggcgc cgtggataga gcaggagggg 240
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gacactcggtt ccctgctccg ctactacaac cagagcgagg ccgggtctca caccctccag 360
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<210> 683
<211> 427
<212> DNA
<213> Homo sapiens

<400> 683
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tctgcacggc caaggcacag actgaccggag aggacactgcg gaccctgcgc cgtactaca 180
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agtggct	427

<210> 684
<211> 619
<212> DNA
<213> Homo sapiens

<400> 684	
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<210> 685
<211> 895
<212> DNA
<213> Homo sapiens

<400> 685	
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cgcggggagc cccgttcat caccgtggc tacgtggacg acacgtgtt cgtgaggttc	180
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ccggagtatt gggaccggg gacacagatc tgcaaggcca aggacacagac tgaccgagag	300
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<210> 686
<211> 546
<212> DNA
<213> Homo sapiens

<400> 686	
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cgagtccgag agaggagccg cggccgcgt ggatagagca ggagggccg gatattggg	180
acggggagac acagatctgc aaggccaagg cacagactga cgcggaggac ctgcggaccc	240
tgctccgtca ctacaaccag agcgaggccg ggtctcacac cttccagaat atgtatggct	300
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 gcgcgg 546

<210> 687
<211> 1017
<212> DNA
<213> *Homo sapiens*

<400>	687					
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cgccccggagc	cccgettcat	caccgtgggc	tacgtaggac	acacgttgtt	ctgtggatgttc	180
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tcttccca	gttccatcg	ccacgtcccc	catgtgggc	attgttgcgt	gcctggctgt	960
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<210> 688
<211> 945
<212> DNA
<213> *Homo sapiens*

<400>	688	
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gctggatccga gagaggagcc gctggcgccg tggatagagc aggaggggccc ggagtattgg	180	
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tgcgacgtgg ggccggacgg ggcctctc cgcggccata accagtacgc ctacgacggc	360	
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cagatcaccc agcgaactg ggaggcggcc cgtgtgggg agcagctgag agcctacctg	480	
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accgtccca tcgtggcat tttgtgtggc ctggctgtcc tagcagttgt ggtcatcgga	900	
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<210> 689
<211> 1017
<212> DNA
<213> *Homo sapiens*

<400> 689

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cgcggggagc	cccgcttcat	caccgtggc	tacgtggacg	acacgtgtt	cgtgagggtt	180
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ccggagtatt	gggaccggga	gacacagatc	tgcaaggcca	aggcacagac	tgaccgagag	300
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tcttccagt	ccaccgtccc	catcgccggc	attgttgcgt	gcctggctgt	cctagcagt	960
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<210> 690

<211> 1017

<212> DNA

<213> Homo sapiens

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tcttccagt	ccaccgtccc	catcgccggc	attgttgcgt	gcctggctgt	cctagcagt	960	
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<210> 691

<211> 546

<212> DNA

<213> Homo sapiens

<400> 691

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cgagtcccg	agaggagccg	ccggcgccgt	ggatagagca	ggagggccgc	gagtattggg	180
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gchcggg						546

<210> 692
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 692
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<210> 693
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 693
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<210> 694
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 694
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cgcggtttcat caccgtggc tacgtggacg acacgcttt cgtgagggtc 180

gacagcgacg ccgcgagtcc gagagaggag cgcggccgc cgatggataga gcaggaggg	240
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<210> 695

<211> 619

<212> DNA

<213> Homo sapiens

<400> 695

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gagacgtgc agcgcgcgaa	619

<210> 696

<211> 546

<212> DNA

<213> Homo sapiens

<400> 696

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<210> 697

<211> 546

<212> DNA

<213> Homo sapiens

<400> 697

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<210> 699
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<400> 700
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<212> DNA
<213> Homo sapiens

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<212> DNA
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<212> DNA
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<212> DNA
<213> Homo sapiens

<400> 704

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<210> 705
<211> 546
<212> DNA
<213> Homo sapiens

<400> 705

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<210> 706
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 706

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<210> 707
<211> 546
<212> DNA
<213> Homo sapiens

<400> 707

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<210> 708
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 708

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<210> 709
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 709

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<210> 710

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 710

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<210> 711

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 711

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cgcggggagc	cccgcttcat	cgcgtgggc	tacgtggacg	acacccagtt	cgtgagggttc	180
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<210> 712

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 712

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cgccggg	gagc	cccg	cttcat	cgca	gtggc	tac	gtggac	acac	ccagtt	cgtgagg	ttc	180	
gac	cgac	cg	cgagtc	cc	gaggacgg	cc	ccggc	gc	catggat	aga	ga	240	
ccgg	gagt	ttt	gggaccgg	aa	cacacagat	tc	caagac	ca	acac	acag	ac	300	
agc	ctgc	gg	ac	ctgc	gg	ct	actaca	ac	ca	gagg	gg	360	
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gc	ctac	gac	g	caaggat	ta	ccgc	ct	cc	atgc	ggca	taa	480	
gac	accgc	gg	ctc	agat	ca	ccag	cg	cc	tgag	ctcg	gacc	ggcg	540
ag	agc	cttac	cc	gggg	cc	gtgc	gtgg	tg	gtcc	cc	gata	ctgg	600
gag	acg	ctgc	gg	gg	cc	cc	cc	cc	cc	cc	acac	at	660
cat	gagg	cc	ct	ct	gg	gg	cc	cc	cc	cc	cc	cc	720
tgg	cagc	gg	gg	at	ggc	gag	aa	c	caa	act	tc	at	780
gg	agat	aa	aa	ttt	cc	cc	cc	cc	cc	cc	cc	cc	840
tac	acat	cc	at	gt	ac	ag	gg	gg	gg	gg	gg	gg	900
tct	ccc	cc	cc	cc	cc	cc	cc	cc	cc	cc	cc	cc	960
gtgg	tcat	cg	ct	act	gt	gt	at	gt	gt	at	gt	at	1017

<210> 713

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 713

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gac	cgac	cg	cgagtc	cc	gaggacgg	cc	ccggc	gc	catggat	aga	ga	240	
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gag	acg	ctgc	gg	gg	cc	cc	cc	cc	cc	cc	acac	at	660
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gg	agat	aa	aa	ttt	cc	cc	cc	cc	cc	cc	cc	cc	840
tac	acat	cc	at	gt	ac	ag	gg	gg	gg	gg	gg	gg	900
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<210> 714

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 714

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gac	cgac	cg	cgagtc	cc	gaggacgg	cc	ccggc	gc	catggat	aga	ga	240
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tctcccaatcc accatccc catcgccggc atttgtctg gcctggctgt cctagcattt	960
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<210> 715
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 715	
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cgcggggcgc cccgttcat cgcgtggc tacgtggacg acacccagtt cgtaggttc	180
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<210> 716
<211> 546
<212> DNA
<213> Homo sapiens

<400> 716	
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aggattacat cggccctgaac gaggacctgc gctctggac cggccggac acggccggc	420
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<210> 717
<211> 525
<212> DNA

<213> Homo sapiens

<400> 717

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cgagtccgag gacggagccc cgggcgcctat ggatagagca ggaggggccg gagtattggg	180
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<210> 718

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 718

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ccggaggatt gggaccggaa cacacagatc ttcaagacca acacacagac ttaccgagag	300
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tcttccactt ccaccatccc catgtggc attgttgctg gcctggctgt cctagcagg	960
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<210> 719

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 719

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<210> 720
<211> 546
<212> DNA
<213> Homo sapiens

<400> 720	
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<210> 721
<211> 546
<212> DNA
<213> Homo sapiens

<400> 721	
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gcgcgg	546

<210> 722
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 722	
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gtggtcatcg gagctgtggt cgctactgtg atgtgttagga ggaagagctc aggtgga	1017

<210> 723
<211> 546
<212> DNA
<213> Homo sapiens

<400> 723	
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gcccgg	546

<210> 724
<211> 546
<212> DNA
<213> Homo sapiens

<400> 724	
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gcccgg	546

<210> 725
<211> 546
<212> DNA
<213> Homo sapiens

<400> 725	
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gcccgg	546

<210> 726

<211> 546
<212> DNA
<213> Homo sapiens

<400> 726

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gcgcgg	546

<210> 727
<211> 546
<212> DNA
<213> Homo sapiens

<400> 727

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gcgcgg	546

<210> 728
<211> 546
<212> DNA
<213> Homo sapiens

<400> 728

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<210> 729
<211> 546
<212> DNA
<213> Homo sapiens

<400> 729

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<210> 730

<211> 546

<212> DNA

<213> Homo sapiens

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 agatcaccca ggcgaagtgg gaggcggccc gtgtggggaa gcagctgaga gcctacctgg 480
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<210> 731

<211> 546

<212> DNA

<213> Homo sapiens

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<210> 732

<211> 546

<212> DNA

<213> Homo sapiens

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 gcgacctggg gcccacggg cgcctctcc gccccatga ccagtccGCC tacgacggca 360
 aggattacat cgcctgaac gaggacctga gtcctggac cgcggggac acccgccgctc 420
 agatcaccca ggcgaagtgg gaggcggccc gtgtggggaa gcagctgaga gcctacctgg 480

agggcctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 733
<211> 546
<212> DNA
<213> Homo sapiens

<400> 733	
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gcttcatgc agtgggtcac gtggacgaca cccagttcgat gagggtcgac agcgacgccc	120
cgagtcggag agaggagcccc.cgggcccatt ggatagagca ggagggggccg gaatattggg	180
accggaacac acagatctgc aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacat catccagagg atgtatggct	300
gacgcacccggg gccccacggg cgcctccccc ggggcattga ccagtccgc tacgacggca	360
aggattacat cgcctgaac gaggacctga gctcctggac cgccggggac acccggtc	420
agatcaccca ggcgaagtgg gaggccccc gtgtggggaa gcagctgaga gcttacctgg	480
agggcctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 734
<211> 546
<212> DNA
<213> Homo sapiens

<400> 734	
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cgagtcggag gacggagcccc.cgggcccatt ggatagagca ggagggggccg gaggattttggg	180
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tgcgcggcta ctacaaccag agcgaggccg ggtctcacat catccagagg atgtatggct	300
gacgcacccggg gccccacggg cgcctccccc ggggcattga ccagtccgc tacgacggca	360
aggattacat cgcctgaac gaggacctga gctcctggac cgccggggac acccggtc	420
agatcaccca ggcgaagtgg gaggccccc gtgtggggaa gcagctgaga gcttacctgg	480
agggcctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 735
<211> 619
<212> DNA
<213> Homo sapiens

<400> 735	
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gagacctggg cgggtccca ctccatgagg tatttctaca cccatgttc cccgcggc	120
cgcggggagc cccgttcat cgcgtgggc tacgtggacg acacccagtt cgtgaggttc	180
gacagcgacg cccggatgtcc gaggacgggg cccggccgc catggataga gcaggagggg	240
ccggaggattt gggacccggg gacacagatc tccaagacca acacacagac ttacggagag	300
agcctgcggg acctgcgggg ctactacaac cagagcgagg cccgttca catcatccag	360
aggatgtatg gctgcgacctt gggcccccac gggccctcc tccgcgggca tgaccgtcc	420
gcctacgacg gcaaggatta catgccttg aacgaggacc tgatcttg gaccggccgg	480
gacaccggcgg ctccatcac ccacgcgaag tggaggccgg cccgtgtggc ggagcagctg	540
agagcctacc tggaggccctt gtgcgtggag tggctccgca gatacctgga gaacgggaag	600
gagacgctgc agcgccgg	619

<210> 736

<211> 546
<212> DNA
<213> Homo sapiens

<400> 736

gctcccaactc catgaggtat ttctacacccg ccatgtcccg gcccggccgc ggggagcccc	60
gcttcatgc agtggctac gtggacgaca cccagttcgat gaggttcgac agcgacgccc	120
cgagtccgag gacggagccc cgggcgcctt ggatagagca ggaggggccc gtagtattggg	180
accggaacac acagatctt aagaccaaca cacagactga ccgagagagc ctgcggaaacc	240
tgcgcggcta ctacaaccag agcgaggccg ggttcacat catccagagg atgtatggct	300
gcgacctggg gcccacggg cgccctctcc gccggcatga ccagtccgccc tacgacggca	360
aggattacat cgcctgaac gaggacctga gctcctggac cgccggggac acccgccgctc	420
agatcaccca gcgcagaatgg gaggccccc gtgtggccga gcagctgaga gcctacctgg	480
aggcctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 737

<211> 546
<212> DNA
<213> Homo sapiens

<400> 737

gctcccaactc catgaggtat ttctacacccg ccatgtcccg gcccggccgc ggggagcccc	60
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cgagtccgag gacggagccc cgggcgcctt ggatagagca ggaggggccc gtagtattggg	180
accggaacac acagatctt aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
tgcgcggcta ctacaaccag agcgaggccg ggttcacat catccagagc atgtacggct	300
gcgacctggg gcccacggg cgccctctcc gccggcatga ccagtccgccc tacgacggca	360
aggattacat cgcctgaac gaggacctga gctcctggac cgccggggac acccgccgctc	420
agatcaccca gcgcagaatgg gaggccccc gtgtggccga gcagctgaga gcctacctgg	480
aggcctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 738

<211> 1017
<212> DNA
<213> Homo sapiens

<400> 738

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gagacctggg cggctccca ctccatgagg tatttctaca ccgcctatgtc cggcccccggc	120
cgcgggggagc cccgcttcat cgcagtggc tacgtggacg acaccagtt cgtgaggttc	180
gacagcgacg cgcgcgatcc gaggacggag cccggggcgc catggataga gcaggagggg	240
cggagtttattt gggacccggaa cacacagatc ttcaagacca acacacagac ttaccggag	300
agcctgcggaa acctgcgcgg ctactacaac cagacgcagg cgggtctca caccctccag	360
agcatgtacg gctgcgacgt gggccggac gggcgctcc tccggggca taaccagtac	420
gcctacgacg gcaaggatta catgcgcctg aacgaggacc tgccgtccctg gaccggcg	480
gacacggcg ctcagatcac ccacgcgaag tggggaggcgg cccgtgtggc ggagcagctg	540
agagccatcc tggggggcga gtgcgtggag tggctccgca gataccggaa gaaacgggaa	600
gagacgcgtc aegcgcgcgg ccccccggaa acacacgtga cccaccaccc catctctgac	660
catgaggccca ccctgagggtg ctggggccctg ggcttctacc ctgcggagat cacactgacc	720
tggcagcgccg atggcgagga ccaaactca gacactgacg ttgtggagac cagaccgac	780
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tacacatgcc atgtacagca tggggggctg ccgaaggcccc tcaccctgag atggggccg	900
tctcccaagt ccaccgtccc catcgtgggc attgttgctg gcctggctgt ctttagcgtt	960
gtggtcatcg gagctgtggc cgctgtgtc atgtgttagga ggaagagctc aggtgg	1017

<210> 739
<211> 546
<212> DNA
<213> Homo sapiens

<400> 739
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gcttcatcg agtgggctac gtggacgaca cccagttcgat gaggttcgac agcgaacgccc 120
cgagtccgag gacggagccc cggcgccat ggatagagca ggaggggccc gagtattggg 180
accggaacac acagatctc aagaccaaca cacagactta ccgagagagc ctgcggaaacc 240
tgcgcggcta ctacaaccag agcgaggccc ggtctcacac cctccagagg atgtacggct 300
gcgacgtggg gcccacggg cgccctcccg cggggcatga ccagtccgac tacgacggca 360
aggattacat cgccctgaac gaggacctga gtcctggac cgccgggac accgcccgtc 420
agatcaccca gcgcaagtgg gaggcggccc gtgtggcggaa gcagctgaga gcttacctgg 480
agggcctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
gcgcgg 546

<210> 740
<211> 564
<212> DNA
<213> Homo sapiens

<400> 740tgaccgagac ctggccggc tccactcca tgaggtattt ctacaccgcc atgtccggc 60
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ggttcgacag cgacgcgcg agtccgagga cggagccccggcgcgcgcgttgcgcatgg atagagcagg 180
agggggccgga gtattgggac cggAACACAC agatctcaa gaccaacaca cagacttacc 240
gagagagcct gcggaacctg cgccgcgtact acaaccagag cgaggccggg ttcacatca 300
tccagaggat gtatggctgc gacctggggc cgcacggggc ctcctccgc gggcatgacc 360
atttcgctta cgacggcaag gattacatcg ccctgaacgaa ggacctggc tcctggaccg 420
cgccggacac cgccgcgtcag atcaccacgc gcaagtggga ggcggccgt gtggcggagc 480
agctgagagc ctacctggag ggcgagtgcg tggagtggct ccgcagatac ctggagaacg 540
ggaaggagac gtcgcagcgc gcgg 564

<210> 741
<211> 546
<212> DNA
<213> Homo sapiens

<400> 741
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gcttcatcg agtgggctac gtggacgaca cccagttcgat gaggttcgac agcgaacgccc 120
cgagtccgag gacggagccc cggcgccat ggatagagca ggaggggccc gagtattggg 180
accggaacac acagatctc aagaccaaca cacagactta ccgagagagc ctgcggaaacc 240
tgcgcggcta ctacaaccag agcgaggccc ggttcacatc agggggatggg atgtatggct 300
gcgacctggg gcccacggg cgccctcccg cggggcatga ccagtacgac tacgacggca 360
aggattacat cgccctgaac gaggacctga gtcctggac cgccgggac accgcccgtc 420
agatcaccca gcgcaagtgg gaggcggccc gtgtggcggaa gcagctgaga gcttacctgg 480
agggcctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
gcgcgg 546

<210> 742
<211> 546
<212> DNA
<213> Homo sapiens

<400> 742
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gcttcatcg	agtgggctac	gtggacgaca	cccagttcg	gaggttcgac	agcgacgc	120			
cgagtccg	ag	gacggagccc	cgggcgc	cat	ggatagagca	ggagggccg	gagtattgg	.180	
accgg	aa	acac	acagatctc	aaga	ccaaca	cacagactt	ccgagagagc	ctgcgg	240
tgcgcgg	ct	acaacc	ag	cgagg	ccg	gtc	tcacat	catcc	300
g	cc	tt	gg	gg	cc	cc	agagg	agg	360
aggattac	at	cat	cc	ctga	ac	gagg	ac	ctg	420
gatcac	cc	cc	ca	gg	gg	gg	gg	gg	480
agg	gg	ac	ct	gg	ac	gg	gg	gg	540
g	cg	cg	tg	gt	gt	gt	gt	gt	546

<210> 743

<211> 546

<212> DNA

<213> Homo sapiens

<400> 743

gctcccactc	catgagg	gttat	ttctacac	cc	atgtcc	cg	ccccggcc	cg	ggggagcccc	60
gcttcatcg	cg	ag	gtgggctac	gt	ggacgaca	cc	ca	ggtt	cgac	120
cgagtccg	ag	gg	gacggagccc	cgg	gc	ccat	ggatagagca	gg	agggccg	180
accgg	aa	ac	ac	cc	cc	tt	ggatagagca	gg	ggtt	240
tgcgcg	ct	ac	acaacc	ag	cgagg	cc	gtc	tcacat	catcc	300
g	cc	cc	cc	gg	gg	cc	gg	gg	gg	360
aggattac	at	at	cat	cc	gg	gg	gg	gg	gg	420
gatcac	cc	cc	cc	gg	gg	gg	gg	gg	gg	480
agg	gg	gg	gg	gg	gg	gg	gg	gg	gg	540
g	cg	cg	tg	gt	gt	gt	gt	gt	gt	546

<210> 744

<211> 546

<212> DNA

<213> Homo sapiens

<400> 744

gctcccactc	catgagg	gttat	ttctacac	cc	atgtcc	cg	ccccggcc	cg	ggggagcccc	60
gcttcatcg	cg	ag	gtgggctac	gt	ggacgaca	cc	ca	ggtt	cgac	120
cgagtccg	ag	gg	gacggagccc	cgg	gc	ccat	ggatagagca	gg	agggccg	180
accgg	aa	ac	ac	cc	cc	tt	ggatagagca	gg	ggtt	240
tgcgcg	ct	ac	acaacc	ag	cgagg	cc	gtc	tcacat	catcc	300
g	cc	cc	cc	gg	gg	cc	gg	gg	gg	360
aggattac	at	at	cat	cc	gg	gg	gg	gg	gg	420
gatcac	cc	cc	cc	gg	gg	gg	gg	gg	gg	480
agg	gg	gg	gg	gg	gg	gg	gg	gg	gg	540
g	cg	cg	tg	gt	gt	gt	gt	gt	gt	546

<210> 745

<211> 548

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (547)..(547)

<223> n is a, c, g, or t

<400> 745

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gttat ttctacac cc

atgtcc cg

ccccggcc

cg gggagcccc

60

gcttcatcgac agtgggctac gtggacgaca cccagttcgat gaggttcgc acgcacgccc	120
cgagtccgag gacggagccc cgggcgccat ggatagagca ggaggggcccg gatgtatggg	180
accggAACAC acagatcttc aagaccaaca cacagactta ccgagAGAGC ctggaaacc	240
tgcgggta ctacaaccag agcgaggccg ggttcacat catccagagg atgtatggc	300
gcgcacctggg gccccgacggg cgcctctcc gcgggcatga ccagttcgc tacgacggca	360
aggattacat cgcctgaac gaggaccta gtcctggac cgcggccgac accgccc	420
agatcaccca gcgcaagtgg gaggcggccc gtgtggcgga gcaggacaga gcctacctgg	480
agggcctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgdna	548

<210> 746
<211> 546
<212> DNA
<213> *Homo sapiens*

<400> 746	
gtccccactc catgaggat ttctacaccg ccatgtcccg gcccggccgc ggggagcccc	60
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cgagtcccgag gacggagccc cggggccat ggatagagca ggagggggccg gagttttggg	180
accggaaacac acagatcttc aagaccaaca cacagactta ccgagagagc ctggaaacc	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacat catccagagg atgtacggct	300
gcgcacgtggg gccggacggg cgccctcccg cgccggatga ccagtacgcc tacgacggca	360
aggattacat cgccctgaac gaggaccta gctcctggac cgccggggac accggggctc	420
agatcaccacat ggcacgtgg gaggccggccgtgtggcgga gcagctgaga gcctacctgg	480
agggcctgtcgtggatcccgacat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 747
<211> 912
<212> DNA
<213> *Homo sapiens*

<400> · 747	ggggcagtg gcccgtaccc agacctgggc cggctccac tccatgaggt atttctacac cgccatgtcc cggccggcc cgccccggcc cccgttcacgc gcagtggct acgtggacga caccaggatc gtgaggatcc acagcgacgc cgccgttcgc aggacggagc cccggggcc atggatagag caggaggggc cggagtattt ggaccggaaac acacagatct tcaagaccaa cacacagact taccgagaga gcctggaaactcgcgcgc tactacaacc agagcgagcc cggtctcac atcatccaga ggatgtatgg ctgcgcaccc gggccggacg ggcgcctct ccggggccat gaccagtccg cttcgacccgg caaggattac atgcgcctga acggaggacct gagctctgg acccgccggcc acaccggcc tcagatcacc cagcgcaagt gggaggccgc ccgtgtggcc gagcagatcga gagcctaccc ggagggccctg tgctggaggt ggctccgcag atacctggag aacgggaagg agacgctcga ggcgcgcac cccccaagaac cacacgtgac ccaccaccc gtctgtgacc atgaggccac cctgaggatgc tggccctgg gcttctaccc tgcggagatc acactgaccc ggcggccggta tggcgaggac caaactcagg acactgagct tgtggagacc agaccagcag gagatagaac cttccagaag tggcggccctg tggtgtggcc ttctggagaa gagcagagat acacatgcca tgtacagcat gaggggccctgc cgaagccct caccctgaga tgggagccat cttccagtc caccatcccc atcgtggcata ttgttgcgtgg cctggctgtc ct	60 120 180 240 300 360 420 480 540 600 660 720 780 840 900 912
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<210> 748
<211> 1012
<212> DNA
<213> *Homo sapiens*

<400> 748 atgcgggtca cggcccccgg aaccctcctc ctgctgctct gggggggcagt ggccctgacc 60

gagacctggg ctggctcca ctccatgagg tatttctaca cgcgcatttc	120
cgccccggc cccgcattcat cgcaatggc tacgtggacg acacccagt	180
cgatggatc gacagcgacg ccgcgacttcc gaggacggg cccggccgc	240
ccggaggattt gggaccggaa cacacagatc ttcaagacca acacacagac	300
acccctgcggg acctgcgcgg ctactacaac cagagcgagg cccggctca	360
aggatgtatg getgcgaccc gggcccgac gggccctcc tccggggca tgacc	420
gcctacgcac gcaaggatta catgccttg aacgaggacc tgagctctg	480
gacaccgcgg ctcagatcac ccagcgcaag tggaggccgg cccgtgtgc	540
agagcctacc tggagggcct gtgcgtggag tggctccgcataacctgg	600
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catgaggcca ccctgagggtg ctggccctg ggcttctacc ctgcggagat	720
tggcagccgg atggcgagga ccaaacttag gacactgac ttgtggagac	780
ggagatagaa cttccagaa gtggcagct gtgggtgtc cttctggaga	840
tacacatgcc atgtacagca tgagggcct ccgaaggcccc tcaccctgag	900
tcttcccaatcc accatccc catgtggc attgttgctg gcctggctgt	960
gtggcatcg gagctgtgt cgctactgtg atgtgttagga ggaagagctc	1012

<210> 749
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 749	
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gagacctggg cgggtccca ctccatgagg tatttctaca cgcgcatttc	120
cgccccggc cccgcattcat cgcaatggc tacgtggacg acacccagt	180
cgatggatc gacagcgacg ccgcgacttcc gaggacggg cccggccgc	240
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aggatgtacg gtcgcgtcgt gggcccgac gggccctcc tccggggca tgacc	420
gcctacgcac gcaaggatta catgccttg aacgaggacc tgagctctg	480
gacacggcggt ctcagatcac ccagcgcaag tggaggccgg cccgtgaggc	540
agagcctacc tggagggcct gtgcgtggag tggctccgcataacctgg	600
gagacgcgtc agcgcgcgga ccccccggaa acacacgtga cccaccaccc	660
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tggcagccgg atggcgagga ccaaacttag gacaccggac ttgtggagac	780
ggagatagaa cttccagaa gtggcagct gtgggtgtc cttctggaga	840
tacacatgcc atgtacagca tgagggcct ccgaaggcccc tcaccctgag	900
tcttcccaatcc accatccc catgtggc attgttgctg gcctggctgt	960
gtggcatcg gagctgtgt cgctactgtg atgtgttagga ggaagagctc	1017

<210> 750
<211> 546
<212> DNA
<213> Homo sapiens

<400> 750	
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agcgcacgcg cggatccat ggatagagca ggagggccgc gaggatggg	180
accggAACAC acagatcttcc aagaccaaca cacagacttcc cggagagac	240
ctgcggcta ctacaaccag agcgaggccg ggttcacac cttccagagg	300
atgtacggct gcgacgtggg gcccggacggg cgcctccatcc ggggcataa	360
ccagtgcc tacacggca aggattacat cgcctgaac gaggacgtga	420
gcttcgtgc cggggccgc acggcggtc agatcacca gcgcaagtgg	480
gaggccggcc gtggaggccgt gtcgtggaga gcaatggaga	540
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<210> 751
<211> 546
<212> DNA
<213> Homo sapiens

<400> 751

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cgagtccgag gacggagccc cggggccat ggatagagca ggagggccgc gagtattggg	180
accggaaac acagatcttc aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
tgcgggcta ctacaaccag agcgaggccg ggttcacat catccagagg atgtatggct	300
gcgacctggg gcccgaacggg cgccctctcc gggggcatga ccagtcgc tacgacggca	360
aggattacat cgccctgaac gaggacctga gctctggac cgcggggac accggggctc	420
agatcaccca gcgcaagtgg gaggccccc gtgtggccga gcagcggaga gcctacctgg	480
agggcctgtg cgtggagtcg ctccgcagat acctggagaa cggaaaggag acgctgcagc	540
gcgcgg	546

<210> 752
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 752

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cgcggggagc cccgcttcat ctcaagtggc tacgtggacg acaccaggat cgtgagggttc	180
gacagcgacg cccgagtgcc gaggacggag cccggccgc cgtggataga gcaggaggg	240
ccggaggtatt gggaccggga gacacagatc tccaagacca acacacagac ttaccgagag	300
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catgaggcca ccctgagggt ctggccctg ggcttctacc ctgcggagat cacactgacc	720
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tcttcccaatg ccaccatccc catcgccggc attgttgcgt gcctggctgt cttacgcgtt	960
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<210> 753
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 753

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<210> 754
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 <212> DNA
 <213> Homo sapiens

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<210> 755
 <211> 619
 <212> DNA
 <213> Homo sapiens

<400> 755
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 cgcggggagc cccgcttcat ctcaatggc tacgtggacg acaccaggat cgtgagggttc 180
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 gcctacgacg gcaaggatta catcgccctg aacgaggacc tgagctctg gaccgcggcg 480
 gacaccgcgg ctcagatcac ccagcgcaag tgggaggccg cccgtgtggc ggagcaggac 540
 agagcctacc tggagggcac gtgcgtggag tggctccgca gatacctgga gaacgggaag 600
 gagacgctgc agcgcgcggc 619

<210> 756
 <211> 1017
 <212> DNA
 <213> Homo sapiens

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ggagacagaa cttccagaa gtggccagct gtgggtgtgc cttctggaga agagcagagaa	840
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tcttcccaatg ccaccgtccc catgtggc attgtgtctg gcctggctgt cctagcgtt	960
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<210> 757

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 757

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ccggggggc cccgttcat ctcaatgggc taatgtggacg acacgcgtt cgtgagggttc	180
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ccggaaatatt gggaccggaa cacacagatc tgcaagacca acacacagac ttaccgagag	300
aacctgcgttcc caatcac ccagcgcaag tggaggccgg cccgtgtggc ggagcagctg	360
aggatgtacg gctgcgtacgt gggccggac gggccctcc tccgcggca taaccagttc	420
gcctacgacg gcaaggatta catgcgttcc aacgaggacc tgagctctg gaccgcggcg	480
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agaacctacc tggagggcac gtgcgtggag tggctccca gataacctgga gaacgggaag	600
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tcttcccaatg ccaccgtccc catgtggc attgtgtctg gcctggctgt cctagcgtt	960
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<210> 758

<211> 546

<212> DNA

<213> Homo sapiens

<400> 758

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cgagttccgag agaggaggccg cggggccgtt ggtatagacca ggagggccg gaatattggg	180
accggaaacac acatgttcc aagaccaaca cacagactt ccgagagaac ctgcgcaccc	240
cgctccgttca ctacaaccat agcgaggccg ggttccatcac cctccatgggg atgtacggct	300
gcccgtggg gcccgtggg cgcctccctcc cccggccatataa ccaggccatcc tacgacggca	360
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agatcaccat cgcgttgcac gaggacttgc gtccttgcac agcgccggac accggccgtt	480
aggggcacgtt cgtggagttgg ctccgttcatgg accttggagaa cggggaggag acgctgcac	540
gcccgtggg	546

<210> 759
<211> 546
<212> DNA
<213> Homo sapiens

<400> 759
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cgagtccgag agaggagccg cgggcccgt ggatagagca ggaggggccc gaatattggg 180
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gcgacgtggg gccggacggg cgcctctcc gcgggcataaa ccagttcgcc tacgacggca 360
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agatcacca gcgcaagtgg gaggccgccc gtgtggcga gcagctgaga acctacctgg 480
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gcgcgg 546

<210> 760
<211> 546
<212> DNA
<213> Homo sapiens

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cgagtccgag agaggagccg cgggcccgt ggatagagca ggaggggccc gagtattggg 180
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agatcacca gcgcaagtgg gaggccgccc gtgtggcga gcagctgaga acctacctgg 480
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gcgcgg 546

<210> 761
<211> 822
<212> DNA
<213> Homo sapiens

<400> 761
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tgagggtctg gcccctggc ttctaccctg cggagatcac actgacctgg cagcggatcg 660
gcgaggacca aactcaggac accgagctt tggagaccag accagcagga gacagaacct 720
tccagaagtg ggcagctgtg gtgtgcctt ctggagaaga gcagagatac acatgccatg 780
tacagcatga gggctgccc aagccctca ccctgagatg gg 822

<210> 762
<211> 546
<212> DNA

<213> Homo sapiens

<400> 762

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cgagtccgag gacggagccc cgggcgc c at ggatagagca ggagggccg gatattggg	180
accggAACAC acagatctc aagaccaaca cacagactta ccgagagaac ctgcggatcg	240
cgctccgcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
g c gacgtggg gccc g acggg cgc t cctcc gcgggcataa ccagtcgccc tacgacggca	360
aggattacat cgcc t gaac gaggac c ta gtc c ctggac cgcggccgac acccg g getc	420
agatcaccca g c gca a gtgg gaggccg c cc gtgtggg g ga g c agctgaga ac c tac c tgg	480
agggcac t g cgtggagtgg ctcc c gagat ac c tggagaa cgggaaggag acgctgc g c	540
gcgcgg	546

<210> 763

<211> 546

<212> DNA

<213> Homo sapiens

<400> 763

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cgagtccgag gacggagccc cgggcgc c at ggatagagca ggagggccg gatattggg	180
accggAACAC acagatctc aagaccaaca cacagactta ccgagagaac ctgcggatcg	240
cgctccgcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
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agatcaccca g c gca a gtgg gaggccg c cc gtgtggg g ga g c agctgaga ac c tac c tgg	480
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<210> 764

<211> 546

<212> DNA

<213> Homo sapiens

<400> 764

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cgagtccgag agaggagccg cgggcgc c gt ggatagagca ggagggccg gaatattggg	180
accggAACAC acagatctc aagaccaaca cacagactta ccgagagaac ctgcgcac c g	240
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g c gacgtggg gccc g acggg cgc t cctcc gcgggcataa ccagtcgccc tacgacggca	360
aggattacat cgcc t gaac gaggac c ta gtc c ctggac cgcggccgac acccg g getc	420
agatcaccca g c gca a gtgg gaggccg c cc gtgtggg g ga g c agctgaga ac c tac c tgg	480
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<210> 765

<211> 548

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (547)..(547)

<223> n is a, c, g, or t

<400> 765

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agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
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<210> 766

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 766

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cgcggggagc cccgcttcat ctca gttggc tacgtggacg acacgcagtt cgtgagggtc	180
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ccggaatatt gggaccggaa cacacagatc tgcaagacca acacacagac tgaccggag	300
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gagacgctgc agcgccggaa cccccaaag acacatgtga cccaccaccc catcttgac	660
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tctcccaat ccaccgtccc catcgccggc atttgtctg gcctggctgt cttagcagtt	960
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<210> 767

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 767

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cgcggggagc cccgcttcat ctca gttggc tacgtggacg acacgcagtt cgtgagggtc	180
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tggcagccgg atggcgagga ccaaactcag gacaccgcgc ttgtggagac cagaccagca	780
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tcttcccaagt ccaccgtccc catcggtggc atttttgctg gcctggctgt cctagcaggtt	960
gtggcatcg gagctgtggt cgctgctgtg atgttagga ggaagagctc aggtgga	1017

<210> 768

<211> 546

<212> DNA

<213> Homo sapiens

<400> 768

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<210> 769

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 769

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<210> 770

<211> 1017

<212> DNA

<213> Homo sapiens

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<210> 771
<211> 993
<212> DNA
<213> Homo sapiens

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<210> 772
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 772	
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<u>cgccgggg</u> cccgttcat ctcaatggc tacgtggacg acacgcgtt cgtggatgtt	180
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<210> 773
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 773
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cgcggggagc cccgcttcat ctcaagtggc tacgtggacg acacgcagtt cgtgaggttc 180
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<210> 774
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 774
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<210> 775
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 775
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cgcggggagc cccgcttcat ctcaagtggc tacgtggacg acacgcagtt cgtgaggttc 180
gacagcgacg cgcgagtc gagagaggag cgcggggcgc cgtggataga gcaggaggg 240

ccgaaatatt	gggaccggaa	cacacagatc	tgcaagacca	acacacagac	tgaccgagag	300
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tcttcccagt	ccaccgtccc	catcggtggc	attgttgc	gcctggctgt	cctagcagtt	960
gtggcatcg	gagctgtgtt	cgctgtgt	atgttagga	ggaagagttc	aggtgga	1017

<210> 776

<211> 413

<212> DNA

<213> Homo sapiens

<400> 776

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gagagagcct	cgccgacact	cgccgctact	acaaccagag	cgaggccgg	tccacacacc	180
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cggcggacac	cggcgtcag	atcaccac	gcaagtggg	ggcggccctg	gtggcggagc	360
agctgagaac	ctacctggag	ggcacgtgc	tggagtgg	ccgcagatac	ctg	413

<210> 777

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 777

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cgcggggagc	cccgcttcat	ctcgtgggc	tacgtggacg	acacgcagtt	cgtgaggttc	180
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<210> 778

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 778

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cgccgggagc	cccgttcat	ctcagtgggc	tacgtggac	acacgcagtt	cgtgagggttc	180
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tttccca	gttccatcg	ccaccgtccc	catcgccgc	attgttctg	gcctggctgt	960
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<210> 779

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 779

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<210> 780

<211> 677

<212> DNA

<213> Homo sapiens

<400> 780

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gcccgttga	tagagcagga	ggggccggaa	tattggacc	ggaacacaca	gatctgcaag	180
accaacacac	agacttaccg	agagagcctg	cggaacctgc	cgccgtacta	caaccagac	240
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cgcagatacc	tggagaacgg	gaaggagacg	ctgcagcgcg	cggaaccccc	aaagacacat	540
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taccctgcgg agatcacact gacctggcag cgggatggcg aggaccaaac tcaggacacc	660
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<210> 781
<211> 546
<212> DNA
<213> Homo sapiens

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<210> 782
<211> 546
<212> DNA
<213> Homo sapiens

<400> 782	
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cgagtccggag agaggagccg cggcgccgt ggatagagca ggagggccg gagttattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
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gcatgtggg gcccggacggg cgccctctcc gccccataaa ccagttcgcc tacgacggca	360
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<210> 783
<211> 546
<212> DNA
<213> Homo sapiens

<400> 783	
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cgagtccggag agaggagccg cggcgccgt ggatagagca ggagggccg gaatattggg	180
accggaaacac acagatctgc aagaccaaca cacagactga ccgagagagc ctgcggaaacc	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
gcatgtggg gcccggacggg cgccctctcc gccccataaa ccagttcgcc tacgacggca	360
aggattacat cgccctgaac gaggacctga gtcctggac cggcgccgac acccgccgtc	420
agatcaccca gcgcaagtgg gaggcgccg gtgtggcgga gcagctgaga acttacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 784
<211> 546

<212> DNA

<213> Homo sapiens

<400> 784

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cgagtcggag agaggagccg cggggccgt ggatagagca ggagggccg gaatattggg	180
accggaacac acagatctgc aagaccaaca cacagactga ccgagagagc ctgcggaaacc	240
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gcgacgtggg gccggacggg cgccctctcc gggggcatga ccagttcgcc tacgacggca	360
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agatcaccca ggcgaagtgg gaggcggccg gtgtggggaa gcagctgaga acctacctgg	480
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gcgcgg	546

<210> 785

<211> 546

<212> DNA

<213> Homo sapiens

<400> 785

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cgagtcggag agaggagccg cggggccgt ggatagagca ggagggccg gagtattggg	180
accggaacac acagatctac aagaccaaca cacagactga ccgagagagc ctgcggaaacc	240
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agatcaccca ggcgaagtgg gaggcggccg gtgtggggaa gcagctgaga acctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 786

<211> 619

<212> DNA

<213> Homo sapiens

<400> 786

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cgcggggagc cccgttcat ctcatgtggc tacgtggacg acacgcagtt cgtgagggttc	180
gacagcgacg cggcgagtcc gagagaggag cgcggggcgc cgtggataga gcaggagggg	240
ccggagtatt gggaccggaa cacacagatc tacaagacca acacacagac tgaccgagag	300
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aggatgtacg gtcgcgacgt gggccggac gggccctcc tccggggta taaccagtta	420
gcctacgacg gcaaggatta catgcctc aacgaggacc tgagctctg gaccgcggcg	480
gacaccgcgg ctcagatcac ccagcgcaag tggaggccgg cccgtgtggc ggagcagctg	540
agaacctacc tggaggccac gtgcgtggag tggctccgca gataacctgga gaacggaaag	600
gagacgttgc agcgccgg	619

<210> 787

<211> 546

<212> DNA

<213> Homo sapiens

<400> 787

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cgagtccgag agaggagccg cggcgccgt ggatagagca ggagggccg gaatattggg	180
accggAACAC acagatctgc aagaccaaca cacagactga cgcagagagc ctgcggAACCC	240
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gcgcgg	546

<210> 788

<211> 546

<212> DNA

<213> Homo sapiens

<400> 788

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cgagtccgag gacggagccc cggcgccat ggatagagca ggagggccg gagtattggg	180
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gcaacgtggg gcccggacggg cgcctcctcc gcgggcataaa ccagttcgcc tacgacggca	360
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agatcaccca ggcgaagtgg gaggccggcc gtgtggccgaa gcagctgaga acctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 789

<211> 546

<212> DNA

<213> Homo sapiens

<400> 789

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cgagtccgag agaggagccg cggcgccgt ggatagagca ggagggccg gagtattggg	180
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aggattacat cgccctgaac gaggacctga gctctggac cgcggccgac accggggctc	420
agatcaccca ggcgaagtgg gaggccggcc gtgtggccgaa gcagctgaga acctacctgg	480
agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 790

<211> 546

<212> DNA

<213> Homo sapiens

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cgagtccgag agaggagccg cggcgccgt ggatagagca ggagggccg gaatattggg	180
accgggagac acagatctgc aagaccaaca cacagactga cgcagagagc ctgcggAACCC	240
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gcaacgtggg gcccggacggg cgcctcctcc gcgggcataaa ccagttcgcc tacgacggca	360
aggattacat cgccctgaac gaggacctga gctctggac cgcggccgac accggggctc	420
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agggcacgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgccgg	546

<210> 791
<211> 546
<212> DNA
<213> Homo sapiens

<400> 791	
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cgagtcggag agaggagccg cggggccgt ggatagagca ggaggggccc gtagtattggg	180
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gcgccgg	546

<210> 792
<211> 1017
<212> DNA
<213> Homo sapiens

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cgcggggagc cccgcgtcat ctcaatgggc tacgtggacg acacgcgtt cgtgagggtt	180
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gcctacgacg gcaaggatta catgcctc aacgaggacc tgagctctg gaccgcggcg	480
gacaccgcgg ctcagatcac ccagcgcaag tggggaggccg cccgtgtggc ggacgcgtg	540
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<210> 793
<211> 546
<212> DNA
<213> Homo sapiens

<400> 793	
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aggattacat cgcctgaac gaggaccta gctcctggac cgcggccggac accgcggctc	420

agatcaccca	gcgcaagtgg	gaggcggccc	ttgtggcgga	gcagctgaga	acctacctgg	480
agggcacgtg	cgtggagtgg	ctccgcagat	acctggagaa	cgggaaggag	acgctgcagc	540
gcgcgg						546

<210> 794
<211> 546
<212> DNA
<213> Homo sapiens

<400> 794						
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cgagtcggag	agaggagccg	cgggcgccgt	ggatagagca	ggaggggccc	aatattggg	180
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gcgcgg						546

<210> 795
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 795						
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cgcggggagc	cccgcttcat	caccgtggc	tacgtggacg	acacgctgtt	cgtgagggtt	180
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<210> 796
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 796						
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gtggtcatcg	gagctgtggt	cgctgctgt	atgttagga	ggaagagttc	1017

<210> 797

<211> 822

<212> DNA

<213> Homo sapiens

<400> 797

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<210> 798

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 798

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<210> 799
<211> 1017
<212> DNA
<213> Homo sapiens

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<210> 800
<211> 1017
<212> DNA
<213> Homo sapiens

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catgaggcca ccctgagggt ctggccctg ggcttctacc ctgcggagat cacactgacc 720
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tcttcccagt ccacgtccc catcggtggc attgttgcgt gcctggctgt cctagcgtt 960
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<210> 801
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 801
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agcctcgccga acctgcgcgg ctactacaac cagagcgagg ccgggtctca caccctccag	360
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gcctacgacg gcaaggatta catgcctcg aacgaggacc tgcgctctg gaccgcgcg	480
gacacggcgg ctcagatcac ccagcgcaag tgggaggcgg ccgtgaggc ggagcagctg	540
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gagacgctgc aegcgccgga ccccccaaag acacacgtga cccaccaccc catctctgac	660
catgaggcca ccctgagggt ctggccctg ggcttctacc ctgcggagat cacactgacc	720
tggcagcggg atggcgagga ccaaactcag gacactgagc ttgtggagac cagaccagca	780
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tcttcccagt ccaccgtccc catcggtggc attgttgctg gcctggctgt cctagcattt	960
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<210> 802
<211> 1017
<212> DNA
<213> *Homo sapiens*

<400>	802					
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cgccccggagc	cccgttcat	caccgtgggc	tacgtggacg	acacgtgtt	cgtgagggttc	180
gacagcgcacg	ccacgagtc	gaggaaggag	ccggggcgc	catggataga	gcaggaggggg	240
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tacacatcc	atgtacagca	tgaggggctg	ccgaagcccc	tcaccctgag	atggagccg	900
tcttccca	gttccatcc	catgtgggc	attgttgc	gcctggctgt	cctagca	960
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<210> 803
<211> 1017
<212> DNA
<213> *Homo sapiens*

<400>	803					
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cgccccggac	cccgttcat	caccgtggc	tacgtaggc	acacgttgtt	cgtgagggtc	180
gacagcgacg	ccacgagtcc	gaggaaggag	ccgcggcgc	catggataga	gcaggagggg	240
ccggagttt	gggacccggg	gacacagatc	tcaagacca	acacacagac	ttaccgagag	300
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ggagatagaa	cttccagaa	gtggcagct	gtgggtgtc	cttctggaga	agagcagaga	840
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tcttcccagt ccaccgtccc catcggtggc attgttgctg gcctggctgt cctagcagtt	960
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<210> 804
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 804	
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cgcggggagc cccgttcat caccgtggc tacgtggac acacacgtt cgtgaggatc	180
gacagcgtac ccacgagtcc gaggaaggag ccgcgggcgc catggataga gcaggagggg	240
ccggagtatt gggacccgaa cacacagatc ttcaagacca acacacagac ttaccgagag	300
agcctcgccg acctcgccgg ctactacaac cagagcgtggg ccgggtctca caccctccag	360
agcatgtacg gtcgtgcacgt gggggccggac gggcgcctcc tccgcggca taaccagtac	420
gcctacgacg gcaaggatta catgcctcg aacgaggacc tgccctctg gaccgcgcg	480
gacacggccgg ctcagatcac ccagcgtcaag tggaggccgg cccgtgtggc ggagcagctg	540
agagcctacc tggagggcga gtgcgtggag tggctccca gatacttggaa gaacgggaag	600
gagacgtgc agcgcgcgg ccccccggaa acacacgtga cccacaccc catctgtac	660
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tacacatgcc atgtacagca tgagggcgtc ccgaaggccc tcacccttag atggagccg	900
tcttcccagt ccaccgtccc catcggtggc attgttgctg gcctggctgt cctagcagtt	960
gtggcatcg gagctgttgt cgctgctgt atgtgttagga ggaagagatc aggttggaa	1017

<210> 805
<211> 546
<212> DNA
<213> Homo sapiens

<400> 805	
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gtttcatcac cgtggctac gtggacgaca cgcgttgcgt gaggttcgtc agcgtacgcca	120
cgagtccgag gaaggagccg cggccgcgttcat ggatagagca ggagggcccg gagtattggg	180
accggggagac acagatctcc aagaccaaca cacagactta ccgagagacg ctgcggaaacc	240
tgcgcggcta ctacaaccag agcgaggccg ggttcacac cctccagagc atgtacggct	300
gcgacgtggg gccggacggg cgcctccctcc gccccatgtatcc ccagtacgccc tacgacggca	360
aggattacat cgcctgaac gaggacgtgc gtcctggac cggccggac acggccggc	420
agatcaccca gcgcaagtgg gagggggccc gtgtggccgaa gcagctgaga gcctacccgtt	480
aggccgagtg cgtggagttgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcccgg	546

<210> 806
<211> 546
<212> DNA
<213> Homo sapiens

<400> 806	
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gtttcatcgc agtggctac gtggacgaca cgcgttgcgt gaggttcgtc agcgtacgcca	120
cgagtccgag gaaggagccg cggccgcgttcat ggatagagca ggagggcccg gagtattggg	180
accggggagac acagatctcc aagaccaaca cacagactta ccgagagacg ctgcggaaacc	240
tgcgcggcta ctacaaccag agcgaggccg ggttcacac cctccagagg atgtacggct	300
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aggattacat cgcctgaac gaggacgtgc gtcctggac cggccggac acggccggc	420

agatctcca	gwgcaagtgg	gaggcggccc	gtgtggcgga	gcagctgaga	gcctacctgg	480
aggcgagtg	cgtggagtgg	ctccgcagat	acctggagaa	cgggaaggac	aagctggagc	540
gwgctg						546

<210> 807
<211> 546
<212> DNA
<213> Homo sapiens

<400> 807						
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gcttcatac	cgtggctac	gtggacgaca	cgctgttcgt	gagggtcgac	agcgaacgcca	120
cgagtccgag	gaaggagccg	cggcgccat	ggatagagca	ggaggggccc	gagtattggg	180
accggggagac	acagatctcc	aagaccaaca	cacagactta	ccgagagagc	ctgcggaaacc	240
tgcgcggcta	ctacaaccag	agcgaggccg	ggtctcacac	cctccagagg	atgtacggct	300
gcgacgtggg	gccggacggg	cgcctccctcc	cgccggcataa	ccagtacgcc	tacgacggca	360
aggattacat	cgcctgaac	gaggacctgc	gctcctggac	cgccgggac	acggggctc	420
agatcacca	gwgcaagtgg	gaggcggccc	gtgtggcgga	gcagctgaga	gcctacctgg	480
aggcgagtg	cgtggagtgg	ctccgcagat	acctggagaa	cgggaaggag	acgctgcagc	540
gwgccgg						546

<210> 808
<211> 619
<212> DNA
<213> Homo sapiens

<400> 808						
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gagacctggg	cggcgtccca	ctccatgagg	tatttctaca	cgccatgtc	cgcccccggc	120
cgcggggagc	cccgcttcat	ctcagtggc	tacgtggacg	acacgcaatt	cgtgagggttc	180
gacagcgacg	ccgcgagtc	gagagaggag	ccgcggcgc	catggataga	gcaggagggg	240
ccggagtatt	gggaccggga	gacacagatc	tccaaagacca	acacacagac	ttaccgagag	300
agcctgcgg	acctgcggg	ctactacaac	cagagcgagg	ccgggtctca	caccctccag	360
aggatgtacg	gctgcgacgt	ggggccggac	gggcgcctcc	tccgcgggca	taaccagtac	420
gcctacgacg	gcaaggatta	catgcctcg	aacgaggacc	tgcgcctcg	gaccggcgcg	480
gacacggcgg	ctcagatctc	ccagcgcaag	ttggaggcgg	cccggtgtggc	ggagcagctg	540
agagcttacc	tggagggcga	gtgcgtggag	tggctccgca	gataacctgga	gaacgggaag	600
gacaagctgg	agcgcgtc					619

<210> 809
<211> 619
<212> DNA
<213> Homo sapiens

<400> 809						
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gagacctggg	ctggcgtccca	ctccatgagg	tatttccaca	cctcgctgtc	cgcccccggc	120
cgcggggagc	cccgcttcat	caccgtggc	tacgtggacg	acacgtgtt	cgtgagggttc	180
gacagcgacg	ccacgagtcc	gaggaaggag	ccgcggcgc	catggataga	gcaggagggg	240
ccggagtatt	gggaccggga	gacacagatc	tccaaagacca	acacacagac	ttaccgagag	300
aacctgcgg	tgcgcgtcg	ctactacaac	cagagcgagg	ccgggtctca	caccctccag	360
agcatgtacg	gctgcgacgt	ggggccggac	gggcgcctcc	tccgcgggca	taaccagtac	420
gcctacgacg	gcaaggatta	catgcctcg	aacgaggacc	tgcgcctcg	gaccggcgcg	480
gacacggcgg	ctcagatcac	ccagcgcaag	ttggaggcgg	cccggtgtggc	ggagcagctg	540
agagcttacc	tggagggcga	gtgcgtggag	tggctccgca	gataacctgga	gaacgggaag	600
gagacgtgc	agcgcgtcg					619

<210> 810
<211> 546
<212> DNA
<213> Homo sapiens

<400> 810

gctccactc catgaggtat ttccacacccg ccatgtcccg gcccggccgc ggggagcccc	60
gcttcatcac cgtggctac gtggacgaca cgctgttctgt gagggttcgac agcgacgcca	120
cgagtccgag gaaggagccg cggcgccat ggatagagca ggaggggccc gaggatttggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
tgcgcggcta ctacaaccag aegcggccg ggtctcacac cctccagagg atgtacggct	300
gacgttggg gccggacggg cgcctctcc gcgggcataaa ccagtacgcc tacgacggca	360
aggattacat cgcctgaac gaggacctgc gtcctggac cgcggccgac accgcggctc	420
agatcaccca ggcgaagtgg gaggccccc gtgtggccgaa gcagctgaga gcctacctgg	480
aggcggagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggac aagctggagc	540
gcgcgtg	546

<210> 811
<211> 546
<212> DNA
<213> Homo sapiens

<400> 811

gctccactc catgaggtat ttccacacccg ccatgtcccg gcccggccgc ggggagcccc	60
gcttcatcac cgtggctac gtggacgaca cgctgttctgt gagggttcgac agcgacgcca	120
cgagtccgag gaaggagccg cggcgccat ggatagagca ggaggggccc gaggatttggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
tgcgcggcta ctacaaccag aegcggccg ggtctcacac cctccagagg atgtacggct	300
gacgttggg gccggacggg cgcctctcc gcgggcataaa ccagtacgcc tacgacggca	360
aggattacat cgcctgaac gaggacctgc gtcctggac cgcggccgac accgcggctc	420
agatcaccca ggcgaagtgg gaggccccc gtgtggccgaa gcagctgaga gcctacctgg	480
aggcggagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggac aagctggagc	540
gcgcgtg	546

<210> 812
<211> 546
<212> DNA
<213> Homo sapiens

<400> 812

gctccactc catgaggtat ttccacacccg ccatgtcccg gcccggccgc ggggagcccc	60
gcttcatcac cgtggctac gtggacgaca cgctgttctgt gagggttcgac agcgacgcca	120
cgagtccgag gaaggagccg cggcgccat ggatagagca ggaggggccc gaggatttggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
tgcgcggcta ctacaaccag aegcggccg ggtctcacac cctccagagg atgtacggct	300
gacgttggg gccggacggg cgcctctcc gcgggcataaa ccagtacgcc tacgacggca	360
aggattacat cgcctgaac gaggacctgc gtcctggac cgcggccgac accgcggctc	420
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aggcggagtg cgtggattgg ctccgcagat acctggagaa cgggaaggac aagctggagc	540
gcgcgtg	546

<210> 813
<211> 619
<212> DNA
<213> Homo sapiens

<400> 813

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gagacctggg ccgcgtccca ctccatgagg tattccaca cgcgcgttc cccgcggc	120
cgcggggagc cccgcgtcat caccgtggc tacgtggacg acacgcgtt cgtgagggtc	180
gacagcgacg ccacgagtcc gaggaaggag ccgcggcgc catggataga gcaggagggg	240
ccggaggatt gggacccggg gacacagatc tccaagacca acacacagac ttaccgagag	300
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agcatgtacg gctgcgtacgt ggggcggac gggcgcctcc tccgcggca taaccgtac	420
gcctacgacg gcaaggattt catcgccctg aacgaggacc tgccgtccctg gaccgcgcg	480
gacacggcg ctcagatcac ccagcgaag tggaggcgg cccgtgaggc ggagcagcgg	540
agagcttacc tggaggcga gtgcgtggag tggctccga gatacctgga gaacgggaag	600
gacaagctgg agcgcgtc	619

<210> 814

<211> 546

<212> DNA

<213> Homo sapiens

<400> 814

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gtttcatcac cgtgggtctac gtggacgaca cgctgttcgt gagggtcgac agcgcgcacca	120
cgagtcgag gaaggagccg cggcgccat ggatagagca ggagggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagac ctgcggaaacc	240
tgcgcggata ctacaaccag agcgaggccg ggtctcacac cctccagagc atgtacggct	300
gcgacgtggg gccggacggg cgcctctcc cggggcatga ccagtacgcc tacgacggca	360
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agggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
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<210> 815

<211> 546

<212> DNA

<213> Homo sapiens

<400> 815

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cgagtcgag gaaggagccg cggcgccat ggatagagca ggagggccg gagtattggg	180
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agggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 816

<211> 619

<212> DNA

<213> Homo sapiens

<400> 816

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cgcggggagc cccgcgtcat caccgtggc tacgtggacg acacgcgtt cgtgagggtc	180
gacagcgacg ccacgagtcc gaggaaggag ccgcggcgc catggataga gcaggagggg	240

ccggaggatt	gggaccggga	gacacagatc	tccaagacca	acacacagac	ttaccgagag	300
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gagacgctgc	agcgcgcgg					619

<210> 817

<211> 546

<212> DNA

<213> Homo sapiens

<400> 817

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cgagtcggag	gatggccccc	cggcgccat	ggatagagca	ggagggggccg	gagtatttggg	180
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gcgacgtggg	gccggacggg	cgcctccctcc	cgccgcataaa	ccagtagcgc	tacgacggca	360
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gcgctg						546

<210> 818

<211> 619

<212> DNA

<213> Homo sapiens

<400> 818

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cgcggggagc	cccgcctcat	caccgtggc	tacgtggacg	acacgttgtt	cgtgagggttc	180
gacagcgacg	ccacgagtcc	gaggaaggag	ccgcggcgc	catggataga	gcaggagggg	240
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agcctcgccg	acctcgccgg	ctactacaac	cagagcgagg	ccgggtctca	caccctccag	360
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gacacggccg	ctcagatctc	ccagcgcaag	tggaggccgg	ccctgtgagc	ggagcagcgg	540
agagcctacc	tggagggcga	gtcggtggag	tggctccgca	gataacctgga	gaacgggaag	600
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<210> 819

<211> 546

<212> DNA

<213> Homo sapiens

<400> 819

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tgcgcggcta	ctacaaccag	agcgaggccg	ggtctcacac	cctccagagg	atgtacggct	300
gcgacctggg	gccgcacggg	cgcctccctcc	cgccgcataaa	ccagtagcgc	tacgacggca	360
aggattacat	cgccctgaac	gaggacctgc	gctcctggac	cgccgcggac	acggcggttc	420
agatcaccca	gcgcaagtgg	gaggccggcc	gtgtggcgga	gcagctgaga	gcctacctgg	480

agggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 820
<211> 546
<212> DNA
<213> Homo sapiens

<400> 820	
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cgagtcgag gaaggagccg cggggccat ggatagagca ggaggggccc gagtattggg	180
accggAACAC acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggAACCC	240
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agatctcca ggcgaagtgg gaggccccc gtgtggggaa gcagctgaga gcctacctgg	480
agggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgt	546

<210> 821
<211> 546
<212> DNA
<213> Homo sapiens

<400> 821	
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gcttcatacac cgtggctac gtggacgaca cgctgttgcgt gaggttcgac agcgacgcca	120
cgagtcgag gaaggagccg cggggccat ggatagagca ggaggggccc gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggAACCC	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
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aagattacat cgcctgaac gaggacctga gtcctggac cgccgggac acggcggctc	420
agatcaccca ggcgaagtgg gaggccccc gtgaggccgaa gcagctgaga gcctacctgg	480
agggctgtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 822
<211> 546
<212> DNA
<213> Homo sapiens

<400> 822	
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gcttcatacac cgtggctac gtggacgaca cgctgttgcgt gaggttcgac agcgacgcca	120
cgagtcgag gaaggagccg cggggccat ggatagagca ggaggggccc gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggAACCC	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacac cctccagagg atgtacggct	300
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aggattacat cgcctgaac gaggacctgc gtcctggac cgccgggac acggcggctc	420
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agggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 823
<211> 546

<212> DNA

<213> Homo sapiens

<400> 823

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gcttcatcac cgtggctac gtggacgaca cgctgttcgt gaggttcgac agcgacgcca	120
cgagtcggag gaaggagccg cggggccat ggatagagca ggagggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactt ccgagagagc ctgcggaaacc	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacat catccagagg atgtatggct	300
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aagattacat cgccctgaac gaggacctg gtcctggac cgcggccggac accggggctc	420
agatcaccca ggcgaagtgg gaggccggcc gtgtggccgaa gcagctgaga gcctacctgg	480
agggcctgtg cgtggagtgg ctccgcagac acctggagaa cgggaaggag acgctgcagc	540
gcgccgg	546

<210> 824

<211> 546

<212> DNA

<213> Homo sapiens

<400> 824

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gcttcatcac cgtggctac gtggacgaca cgctgttcgt gaggttcgac agcgacgcca	120
cgagtcggag gaaggagccg cggggccat ggatagagca ggagggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactt ccgagagagc ctgcggaaacc	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacat cctccagaggc atgtacggct	300
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agatcaccca ggcgaagtgg gaggccggcc gtgtggccgaa gcagctgaga gcctacctgg	480
agggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgccgg	546

<210> 825

<211> 546

<212> DNA

<213> Homo sapiens

<400> 825

gctcccaactc catgaggtat ttccacaccc ccatgtcccg gcccggccgc ggggagcccc	60
gcttcatcac cgtggctac gtggacgaca cgctgttcgt gaggttcgac agcgacgcca	120
cgagtcggag gaaggagccg cggggccat ggatagagca ggagggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactt ccgagagagc ctgcggaaacc	240
tgcgcggcta ctacaaccag agcgaggccg ggtctcacat catccaggtg atgtatggct	300
gcgacgtggg gccggacggg cgcctctcc gcgggcataa ccagtacgcc tacgacggca	360
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agggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggac aagctggagc	540
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<210> 826

<211> 546

<212> DNA

<213> Homo sapiens

<400> 826

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gcttcatcac cgtggctac gtggacgaca cgctgttcgt gaggttcgac agcgacgcca	120

cgagtccgag gaaggagccg cggcgccat ggatagagca ggaggggccc gagtattggg 180
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 agggcagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggac aagctggagc 540
 gcgctg 546

<210> 827
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 827
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 agggcagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggac aagctggagc 540
 gcgctg 546

<210> 828
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 828
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 accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggAAC 240
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 agatctcca ggcgaagtgg gaggcggccc gtgtggcga gcagctgaga gcctacctgg 480
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 gcgctg 546

<210> 829
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 829
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 cgagtccgag gaaggagccg cggcgccat ggatagagca ggaggggccc gagtattggg 180
 accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggAAC 240
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agggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggac aagctggagc	540
gcgctg	546

<210> 830
<211> 546
<212> DNA
<213> Homo sapiens

<400> 830 gctccactc catgaggtat ttccacacct ccgtgtcccg gcccggccgc ggggagcccc	60
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accggggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
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agatcaccca gcgcaagtgg gaggcggccc gtgtggcgga gcagctgaga gcctacctgg	480
agggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgctg	546

<210> 831
<211> 546
<212> DNA
<213> Homo sapiens

<400> 831 gctccactc catgaggtat ttccacacct ccgtgtcccg gcccggccgc ggggagcccc	60
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cgagttccgag gaaggagccg cggcgccat ggatagagca ggagggggccg gagtattggg	180
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<210> 832
<211> 546
<212> DNA
<213> Homo sapiens

<400> 832 gctccactc catgaggtat ttccacacct ccgtgtcccg gcccggccgc ggggagcccc	60
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agggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgctg	546

<210> 833
<211> 546
<212> DNA

<213> Homo sapiens

<400> 833

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cgagtccgag gaaggagccg cggggccat ggatagagca ggagggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
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gcgctg	546

<210> 834

<211> 912

<212> DNA

<213> Homo sapiens

<400> 834

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cacgctgttc gtgagggttc acagcgacgc cacgagtccg aggaaggagc cggggccgc	180
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caccctggaga tggagccgt cttccagtc caccgtcccc atcgtggca ttgtgtctgg	900
cctggctgtc	912

<210> 835

<211> 546

<212> DNA

<213> Homo sapiens

<400> 835

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gcgcgg	546

<210> 836

<211> 546

<212> DNA

<213> Homo sapiens

<400> 836

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cgagtccgag gaaggagccg cggcgccat ggatagagca ggaggggccc gagtattggg	180
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aggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggac aagctggagc	540
gcgcgt	546

<210> 837

<211> 546

<212> DNA

<213> Homo sapiens

<400> 837

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cgagtccgag gaaggagccg cggcgccat ggatagagca ggaggggccc gagtattggg	180
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aggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggac aagctggagc	540
gcgcgt	546

<210> 838

<211> 546

<212> DNA

<213> Homo sapiens

<400> 838

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cgagtccgag gaaggagccg cggcgccat ggatagagca ggaggggccc gagtattggg	180
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tgcgcggcta ctacaaccag agcgaggccg ggtctcacac ttggcagacg atgtatggct	300
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aggcgagtg cgtggagtgg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gcgcgg	546

<210> 839

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 839

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tctcccaagt ccacccgtccc catcgtggc atttgtgctg gcctggctgt cctagcattt	960
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<210> 840

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 840

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cggggggggc cccgcttcat caccgtggc tacgtggacg acacgtgtt cgtgagggtt	180
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tctcccaagt ccacccgtccc catcgtggc atttgtgctg gcctggctgt cctagcattt	960
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<210> 841

<211> 546

<212> DNA

<213> Homo sapiens

<400> 841

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cgagtccgag gaaggagccg cggccat gatatagaca ggagggggcg gaggatgggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggAAC	240
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aggattacat cgcctgaac gaggacctgc gtcctggac cgcggccggac accgcggctc	420
agatcacca gcaactgtgg gaggccggccc gtgtggccga gcaggacaga gcctacctgg	480
agggcacgtg cgtggagtg ctccgcataat acctggagaa cgggaaggac acgctggagc	540
gcgcgg	546

<210> 842

<211> 546
 <212> DNA
 <213> Homo sapiens

<400> 842

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cgagtccgag gaaggagccg cggggccat ggatagagca ggagggggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
tgcgggcta ctacaaccag agcgaggccg ggtctcacac cctccagagc atgtacggct	300
gcgacctggg gcccacggg cgcctctcc gcgggcatga ccagtacgcc tacgacggca	360
aggattacat cgcctgaac gaggacctgc gtcctggac cgcggccggac accgggctc	420
agatcaccca ggcgaagtgg gaggccggcc gtgtggccga gcaggacaga gcctacctgg	480
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gcgcgg	546

<210> 843

<211> 546
 <212> DNA
 <213> Homo sapiens

<400> 843

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cgagtccgag gaaggagccg cggggccat ggatagagca ggagggggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
tgcgggcta ctacaaccag agcgaggccg ggtctcacac ttggcagagg atgtatggct	300
gcgacgtggg gcccacggg cgcctctcc gcgggcataa ccagtacgcc tacgacggca	360
aggattacat cgcctgaac gaggacctgc gtcctggac cgcggccggac accgggctc	420
agatcaccca ggcgaagtgg gaggccggcc gtgtggccga gcaggacaga gcctacctgg	480
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gcgcgg	546

<210> 844

<211> 546
 <212> DNA
 <213> Homo sapiens

<400> 844

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cgagtccgag gaaggagccg cggggccat ggatagagca ggagggggccg gagtattggg	180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagagc ctgcggaaacc	240
tgcgggcta ctacaaccag agcgaggccg ggtctcacac ttggcagagg atgtatggct	300
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<210> 845

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 845

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cgccccggc	cccgettcat	ctca	gtggc	ta	acacc	180
gacagcgac	ccgcgagtcc	gagagaggag	ccgcggcgc	cgtggataga	gcaggagggg	240
ccggagtatt	gggaccggaa	cacacagatc	tacaaggccc	aggcacagac	tgaccgagag	300
agcctcgga	acctcgccgg	ctactacaac	cagagcgagg	ccgggtctca	caecctccag	360
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tcttcccagt	ccaccgtccc	catcgccgc	attgttgc	gcctggctg	cctagcagtt	960
gtggtcatcg	gagctgttgt	cgctgctgt	atgtgttagga	ggaagagctc	aggtgga	1017

<210> 846

<211> 547

<212> DNA

<213> Homo sapiens

<400> 846

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cgcttcatct	cagtggcta	cgtggacgac	accagg	ttcg	cagc	120
gcgagtccg	gagaggagcc	ggggcgccg	tggatagagc	aggagggg	ccggatattgg	180
gaccggaa	aca	cacagatcta	caaggccag	gcacagact	accgagagag	240
ctgcgcgc	actaca	acc	gagcaggcc	gggtctcaca	ccctccagag	300
tgcgacgtt	ggccggacgg	gcgcctctc	cgccggcata	acc	atgc	360
aaggattaca	tcgcctgaa	cgaggacctg	cgctctgg	ccggcgg	caccgg	420
cagatcaccc	agcga	atg	ggaggcggcc	cgtgtgg	agcaggacag	480
gagggcacgt	gcgtgg	atgt	gc	ccgc	gaga	540
cgccgcgg						547

<210> 847

<211> 546

<212> DNA

<213> Homo sapiens

<400> 847

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gcttcatctc	agtggctac	gtggacgaca	ccca	gggttc	gac	120
cgagtc	ccg	agaggagcc	ggggcgccg	gatagagc	ggggggccg	180
accggaa	ac	acat	aggcc	cc	gagag	240
tgcgcgc	ctaca	acc	gaggcc	gg	tcac	300
gcgacgtt	ggcc	gacgg	ccgc	ctct	cc	360
aggattacat	cgcc	ctgaa	gaggac	ctgc	tcgg	420
agatcaccc	g	ca	gttgg	gg	ggcc	480
agggcacgt	cg	tg	gg	cc	ggac	540
cgccgcgg						546

<210> 848

<211> 1052

<212> DNA

<213> Homo sapiens

<400> 848

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cgcggggagc cccgcattcat cacgtggacg acacgtgtt cgtgagggttc	180
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tcttcccagt ccaccgtccc catgtggcc attgtgtctg gctggctgt cctagcagtt	960
gtggcatcg gagctgttgt cgctgtgt atgtgttagga ggaagagetc aggtggactg	1020
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<210> 849

<211> 822

<212> DNA

<213> Homo sapiens

<400> 849

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cgagtccgag gaaggagccg cggcgccat ggatagagca ggagggccg gagtattggg	180
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gacgcggaccc cccaaagaca catgtgaccc accacccat ctctgaccat gaggcaccc	600
tgaggtgtcg ggccctggc ttctaccctg cggagatcac actgacctgg cagccggatg	660
gacggagacca aactcaggac accgagctt gggagaccag accagcagga gatagaacct	720
tccagaagtg ggcagctgtg gtggcgcctt ctggagaaga gcagagatac acatgcccatt	780
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<210> 850

<211> 546

<212> DNA

<213> Homo sapiens

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cgagtccgag gaaggagccg cggcgccat ggatagagca ggagggccg gagtattggg	180
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agatcaccca ggcgaagtgg gaggccggcc gtgtggccga gcaggacaga gcctacctgg	480
agggcctgtg cgtggagtcg ctccgcagat acctggagaa cgggaaggag acgctgcagc	540
gacgcgg	546

<210> 851

<211> 1017
<212> DNA
<213> Homo sapiens

<400> 851

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gagacctggg	ccggctccca	ctccatgagg	tatttctaca	ccgcatgtc	ccggccggc	120
cgcgaaaa	cccgcttcat	caccgtggc	tacgtggacg	acacgttgtt	cgtgaggttc	180
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tacacatgcc	atgtacagca	tgaggggctg	ccgaagccc	tcaccctgag	atgggagccg	900
tcttccagt	ccacgtccc	catcgccggc	attgttgc	gcctggctgt	cctagcgtt	960
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<210> 852
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 852

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cgcgaaaa	cccgcttcat	caccgtggc	tacgtggacg	acacgttgtt	cgtgaggttc	180
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tcttccagt	ccacgtccc	catcgccggc	attgttgc	gcctggctgt	cctagcgtt	960
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<210> 853
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 853

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cgcgaaaa	cccgcttcat	caccgtggc	tacgtggacg	acacgttgtt	cgtgaggttc	180
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ccggagttt	gggaccggga	gacacagatc	tccaagacca	acacacagac	ttacccgagag	300

aacctgcgca ccgcgtccg ctactacaac cagagcgagg cgggtctca catcatccag	360
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<210> 854

<211> 404

<212> DNA

<213> Homo sapiens

<400> 854

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ggcggccgt gtggggagc aggacagagc ctacctggag ggcctgtgc tggagtcgc	360
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<210> 855

<211> 619

<212> DNA

<213> Homo sapiens

<400> 855

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cgcggggagc cccgcttcat tgcagtgggc tacgtggacg acacccaggat cgtgaggttc	180
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gacaccgcgg ctcagatcac ccagcgaag tgggaggcgg cccgtgtggc ggagcaggac	540
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gagacgcgtgc agccgcgg	619

<210> 856

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 856

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gagacctggg cggctccca ctccatgagg tatttctaca cgcgcattgc cggccggc	120
cgcggggagc cccgcttcat caccgtgggc tacgtggacg acacgtgtt cgtgaggttc	180
gacagcgacg cccgagtgcc gaggacggag cccggccgc catggataga gcaggagggg	240
ccggaggatt gggaccggaa gacacagatc tccaagacca acacacagac ttacccgagag	300
aacctgcgca cccgctccg ctactacaac cagagcgagg cgggtctca catcatccag	360

aggatgtatg gctgcgacgt gggccggac gggcgctcc tccgccccgt tgaccaggac 420
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 gacaccggc ctcagatcac ccagcgcaag tgggaggcgg cccgtgtggc ggagcagctg 540
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 gagacgctgc agcgcgcggaa ccccccggaa acacatgtga cccaccaccc catctctgac 660
 catgagggtca ccctgagggtg ctggccctg ggcttctacc ctgcggagat cacactgacc 720
 tggcagcggg atggcgagga ccaaacttag gacaccggc ttgtggagac cagaccagca 780
 ggagatagaa cttccagaa gtgggcagct gtgggtgtgc cttctggaga agagcagaga 840
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 tcttccagt ccacgtccc catcggtggc attgtgctg gcctggctgt cctagcgtt 960
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<210> 857
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<400> 857
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 cgcggggc cccgttcat caccgtgggc tacgtggacg acacgtgtt cgtgagggttc 180
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 cggaggtatt gggaccggga gacacagatc tccaagacca acacacagac ttaccgagag 300
 aacctgcgcga cccgcgttcc ctactacaac cagagcgagg cgggtctca catcatccag 360
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 gcctacgacg gcaaggatta catgcctcg aacgaggacc tgagtcctg gacccggcgc 480
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 tcttccagt ccacgtccc catcggtggc attgtgctg gcctggctgt cctagcgtt 960
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<210> 858
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<400> 858
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 cgcggggc cccgttcat caccgtgggc tacgtggacg acacgtgtt cgtgagggttc 180
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 cggaggtatt gggaccggga gacacagatc tccaagacca acacacagac ttaccgagag 300
 agcctgcggc acctgcgcgg ctactacaac cagagcgagg cgggtctca catcatccag 360
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 gcctacgacg gcaaggatta catgcctcg aacgaggacc tgagtcctg gacccggcgc 480
 gacaccggc ctcagatcac ccagcgcaag tgggaggcgg cccgtgtggc ggagcaggac 540
 agagcttacc tggagggct gtgcgtggag tcgctccga gataacctgga gaacgggaag 600
 gagacgctgc agcgcgcggaa ccccccggaa acacatgtga cccaccaccc catctctgac 660
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 ggagatagaa cttccagaa gtgggcagct gtgggtgtgc cttctggaga agagcagaga 840
 tacacatgcc atgtacagca tgagggctg ccgaagcccc tcaccctgag atgggagccg 900
 tcttccagt ccacgtccc catcggtggc attgtgctg gcctggctgt cctagcgtt 960

gtggtcatcg gagctgtggc cgctgctgt atgttagga ggaagagctc aggtgga 1017

<210> 859
<211> 546
<212> DNA
<213> Homo sapiens

<400> 859
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gcttcatacac cgtggctac gtggacgaca cgctgttcgt gaggttcgac agcgacgcca 120
cgagtccgag gaaggagccg cggcgccat ggatagagca ggagggggccg gagtattggg 180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagaac ctgcgcaccc 240
cgctccgcta ctacaaccag aeggaggccg ggtctcacat catccagagg atgtttggct 300
gcgaccttggg gcccgacggg cgcctctcc cgccgtataa ccagttagcc tacgacggca 360
aggattacat cgccctgaac gaggacctga gctcctggac cgcggccggac accggggctc 420
agatcacca ggcgaagtgg gaggcggccc gtgtggcgga gcagctgaga gcctacctgg 480
agggcctgtg cgtggagtcg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
gcgcgg 546

<210> 860
<211> 546
<212> DNA
<213> Homo sapiens

<400> 860
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gcttcatacac cgtggctac gtggacgaca cgctgttcgt gaggttcgac agcgacgcca 120
cgagtccgag gaaggagccg cggcgccat ggatagagca ggagggggccg gagtattggg 180
accgggagac acagatctcc aagaccaaca cacagactta ccgagagaac ctgcgcaccc 240
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agatcacca ggcgaagtgg gaggcggccc gtgtggcgga gcaggacaga gcctacctgg 480
agggcctgtg cgtggagtcg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
gcgcgg 546

<210> 861
<211> 546
<212> DNA
<213> Homo sapiens

<400> 861
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gcttcatacac cgtggctac gtggacgaca cgctgttcgt gaggttcgac agcgacgcca 120
cgagtccgag gaaggagccg cggcgccat ggatagagca ggagggggccg gagtattggg 180
accggaaacac acagatctcc aagaccaaca cacagactta ccgagagaac ctgcgcaccc 240
cgctccgcta ctacaaccag aeggaggccg ggtctcacat catccagagg atgtacggct 300
gcgacgtggg gcccgacggg cgcctctcc cgccgtatga ccagggacgcc tacgacggca 360
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agatcacca ggcgaagtgg gaggcggccc gtgtggcgga gcaggacaga gcctacctgg 480
agggcctgtg cgtggagtcg ctccgcagat acctggagaa cgggaaggag acgctgcagc 540
gcgcgg 546

<210> 862
<211> 1017
<212> DNA

<213> Homo sapiens

<400> 862

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gagacctggg	ccggctcca	ctccatgagg	tatttctaca	ccgcatgtc	ccggccggc	120
cgcggggcgc	ccgcttcat	caccgtggc	tacgtggacg	acacgcttt	cgtgagggttc	180
gacagcgcacg	ccacgagtcc	gaggaaggag	ccgcgggcgc	catggataga	gcaggagggg	240
ccggagtatt	gggagcggga	gacacagatc	tccaagacca	acacacagac	ttaccgagag	300
aacctgcga	ccgcgtccg	ctactacaac	cagagcggagg	ccgggtctca	catcatccag	360
aggatgtacg	gtcgcacgt	ggggccggac	gggcgcctcc	tccgcggta	tgaccaggac	420
gcctacgacg	gcaaggatta	catgcctcg	aacgaggacc	tgagctctg	gaccgcggcg	480
gacaccgcgg	ctcagatcac	ccagcgaag	tggaggcgg	ccctgtggc	ggagcagctg	540
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tacacatgcc	atgtacagca	tgaggggctg	ccgaaggccc	tcaccctgag	atggagccg	900
tcttcccagt	ccaccgtccc	catctggc	atttgtctg	gcctggctgt	cctagcagtt	960
gtggcatacg	gagctgtgt	cgctgctgt	atgtgttagga	ggaagagctc	aggtgga	1017

<210> 863

<211> 546

<212> DNA

<213> Homo sapiens

<400> 863

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gtttcatcac	cgtggctac	gtggacgaca	cgctgttcgt	gagggtcgc	agcgcacgcca	120
cgagtccgag	gaaggagccg	ccggcgccat	ggatagagca	ggaggggccc	gagtattggg	180
accgggagac	acagatctcc	aagaccaaca	cacagactta	ccgagagaac	ctgcgcaccc	240
cgctccgcta	ctacaaccag	agcgaggccg	ggtctcacat	catccagagg	atgtacggct	300
gcgacgtgg	gccggacggg	cgccctcc	cggggcataa	ccaggacgccc	tacgacggca	360
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agatcaccca	gchgcaagtgg	gaggcggccc	gtgtggcgg	gcaggacaga	gcctacctgg	480
aggcctgtg	cgtggagtcg	ctccgcagat	acctggagaa	cgggaaggag	acgctgcagc	540
gcgcgg						546

<210> 864

<211> 546

<212> DNA

<213> Homo sapiens

<400> 864

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gtttcatcac	cgtggctac	gtggacgaca	cgctgttcgt	gagggtcgc	agcgcacgcca	120
cgagtccgag	gaaggagccg	ccggcgccat	ggatagagca	ggaggggccc	gagtattggg	180
accgggagac	acagatctcc	aagaccaaca	cacagactta	ccgagagac	ctgcgcaccc	240
cgctccgcta	ctacaaccag	agcgaggccg	ggtctcacat	ttggcagagg	atgtatggct	300
gcgacctgg	gccggacggg	cgccctcc	cggggtataa	ccagttagcc	tacgacggca	360
aggattacat	cgccctgaac	gaggacctga	gctctggac	cgccgggac	accggcgtc	420
agatcaccca	gchgcaagtgg	gaggcggccc	gtgtggcgg	gcaggacaga	gcctacctgg	480
aggcctgtg	cgtggagtcg	ctccgcagat	acctggagaa	cgggaaggag	acgctgcagc	540
gcgcgg						546

<210> 865

<211> 546

<212> DNA

<213> Homo sapiens

<400> 865

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gcttcatcac cgtggctac gtggacgaca cgctgtcgt gaggttcgac agcgacgcca	120
cgagtcggag gaaggagccg cgggcgcatt ggatagagca ggaggggccc gagtattggg	180
accgggagac acagatctc aagaccaaca cacagactta ccgagagaac ctgcgcaccc	240
cgctccgcta ctacaaccag agcgaggccg ggtctcacat catccagagg atgtacggct	300
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agatcacca ggcgaagtgg gaggcggccc gtgtggcggaa gcaggacaga gcctacctgg	480
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gcgccgg	546

<210> 866

<211> 546

<212> DNA

<213> Homo sapiens

<400> 866

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cgagtcggag gaaggagccg cgggcgcatt ggatagagca ggaggggccc gagtattggg	180
accgggagac acagatctc aagaccaaca cacagactta ccgagagaac ctgcgcaccc	240
cgctccgcta ctacaaccag agcgaggccg ggtctcacat catccagagg atgtacggct	300
gcgacgtggg gccggacggg cgcctctcc gcgggtatga ccagtcggcc tacgacggca	360
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gcgccgg	546

<210> 867

<211> 619

<212> DNA

<213> Homo sapiens

<400> 867

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cgcggggagc cccgcttcat caccgtggc tacgtggacg acacgtgtt cgtgaggttc	180
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ccggagtatt gggaccggg gacacagatc tccaagacca acacacagac ttaccgagag	300
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aggatgtatg gtcgcgcacct gggcccgac gggccctcc tccggggta taaccagtta	420
gcctacgacg gcaaggatta catgcctcg aacgaggacc tgagtcctcg gaccgcggcg	480
gacaccgcgg ctcagatcac ccagcgcaag tgggaggccg cccgtgtggc ggagcaggac	540
agacgcctacc tggaggccct gtgcgtggag tcgcgtccca gataccgtga gaacgggaag	600
gagacgtgc agcgccgg	619

<210> 868

<211> 546

<212> DNA

<213> Homo sapiens

<400> 868

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 cgagtccgag gaaggagccg cgggcgcatt ggatagagca ggagggggccg gagtattggg 180
 accgggagac acagatctcc aagaccaaca cacagactta ccgagagaac ctgcgcaccc 240
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 ggcgg 546

<210> 869
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 869
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 ggcgg 546

<210> 870
 <211> 546
 <212> DNA
 <213> Homo sapiens

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 cgagtccgag gaaggagccg cgggcgcatt ggatagagca ggagggggccg gagtattggg 180
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 agatcacca ggcgaagtgg gaggccccc gtgtggcggaa gcaggacaga gcctacctgg 480
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 ggcgg 546

<210> 871
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 871
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agatcaccca	gcgcaagtgg	gaggcggccc	gtgtggcga	gcaggacaga	gcctacctgg	480
agggcctgt	cgtggagtgc	ctccgcagat	acctggagaa	cgggaaggag	acgctgcagc	540
gcgcgg						546

<210> 872

<211> 546

<212> DNA

<213> Homo sapiens

<400> 872

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cgagtccgag	gaaggagccg	cggcgccat	ggatagagca	ggaggggccc	gagtattggg	180
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cgctccgcta	ctacaaccag	agcgaggccg	ggtctcacat	catccagagg	atgtacggct	300
gcgacgtggg	gccggacggg	cgctcctcc	gccccgtatga	ccaggacgccc	tacgacggca	360
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agggcctgt	cgtggagtgc	ctccgcagat	acctggagaa	cgggaaggag	acgctgcagc	540
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<210> 873

<211> 546

<212> DNA

<213> Homo sapiens

<400> 873

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cgctccgcta	ctacaaccag	agcgaggccg	ggtctcacat	catccagagg	atgtacggct	300
gcgacgtggg	gccggacggg	cgctcctcc	gccccgtatga	ccaggacgccc	tacgacggca	360
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agggcctgt	cgtggagtgc	ctccgcagat	acctggagaa	cgggaaggag	acgctgcagc	540
gcgcgg						546

<210> 874

<211> 822

<212> DNA

<213> Homo sapiens

<400> 874

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cgagtccgag	gaaggagccg	cggcgccat	ggatagagca	ggaggggccc	gagtattggg	180
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<212> DNA					

<213> Homo sapiens

<400> 878

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<211> 546

<212> DNA

<213> Homo sapiens

<400> 879

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<210> 880

<211> 546

<212> DNA

<213> Homo sapiens

<400> 880

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cgagtccgag gaaggagccg cggcgccat ggatagagca	180
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<210> 881

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 881

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<210> 882

<211> 546

<212> DNA

<213> Homo sapiens

<400> 882

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aggattac	at	cgccctgaac	gaggac	gtcc	tcgcacgg	accgcgg	420
agatcac	cca	gcgca	agtgg	gggg	gtgtggcgg	gcaggacaga	480
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<210> 883

<211> 546

<212> DNA

<213> Homo sapiens

<400> 883

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agatcac	cca	gcgca	agtgg	gggg	gtgtggcgg	gcaggacaga	480
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<210> 884

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 884

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<210> 885

<211> 543

<212> DNA

<213> Homo sapiens

<400> 885

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<210> 886

<211> 546

<212> DNA

<213> Homo sapiens

<400> 886

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<210> 887

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 887

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<210> 888

<211> 546

<212> DNA

<213> Homo sapiens

<400> 888

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<210> 889

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 889

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aggat	tt	tt	tt	gt	gg	gg	gg	420
gc	tc	tc	tc	cc	cc	cc	cc	480
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<210> 890

<211> 904

<212> DNA

<213> Homo sapiens

<400> 890

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<210> 891

<211> 546

<212> DNA

<213> Homo sapiens

<400> 891

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agatcaccca gcgcaagtgg gaggcgccg gtgtggcgga gcagctgaga gcctacctgg	480
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<210> 892

<211> 546

<212> DNA

<213> Homo sapiens

<400> 892

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cgagtcggag gaaggagccg cggcgccat ggatagagca ggagggccg ggttattggg	180
accgggagac acagatctcc aagaccaaca cacagactta cggagagagc ctgcgcaccc	240
cgctccgcta ctacaaccag agcgaggccg ggttcacac cctccagaat atgtatggct	300
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aggattacat cgccctgaac gaggacctga	gctctggac cgccggac acggcggctc	420
agatcaccca ggcgaactgg gagggggccc	gtgtggcgaa gcagctgaga gcctacctgg	480
aggggcagtg cgtggagtgg ctccgcagat	acctggagaa cgggaaggag acgctgcagc	540
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<210> 893
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 893		
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cgcggggagc	cccggttcat ctcagtgggc tacgtggacg acacccagg tctgagggttc	180
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ccggaggattt	gggaccggga gacacagatc tccaagacca acacacagac ttaccgagag	300
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gcctacgac	gcaaggatta catgcctcg aacgaggacc tgcgttctcg gaccggcg	480
gacacggcgg	ctcagatctc ccagcgtcaag ttggaggcgg cccgtgtggc ggagcagctg	540
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tggcagcggg	atggcgagga ccaaactctg gacactgac ttgtggagac cagaccagca	780
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tacacatgcc	atgtacagca tgagggcgtc ccgaagcccc tcaccctgat atgggagccg	900
tcttccatg	ccacccgtcc catcggtggc attgttgcgt gcctggctt ctagcgtt	960
gtggcatcg	gagctgttgt ctgtgtgt atgtgttagga ggaagagttc aggtgga	1017

<210> 894
<211> 993
<212> DNA
<213> Homo sapiens

<400> 894		
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gaggagccgc	gggcggcgtg gatagagcag gaggggccgg agtattggaa cgggagaca	240
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tacaaccaga	gcgaggccgg gtctcacatc atccagagga tttatggctc cgacccgggg	360
cccgacggc	gcctccctcg cgggcatgac cagtccgcct acgcgcgaaa ggattacatc	420
gccctgaac	aggacctgag ctctggacc gggccggaca cccgcgtca gatcacccag	480
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gtggagtggc	tcccgagata ctggagaac gggaggaga cgctgcagcg cggggacccc	600
ccaaagacac	acgtgacca ccacccgtc tctgaccatg aggcacccct gaggtgtgg	660
gccctggct	tctaccctgc ggagatcaca ctgaccctggc agcggatgg cgaggaccaa	720
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<210> 895
<211> 546
<212> DNA
<213> Homo sapiens

<400> 895

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cgagtccgag	agaggagccg	cgggcgcgt	ggatagagca	ggagggccg	gagtattggg	180
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tgcgcggcta	ctacaaccag	agcgaggccg	ggtctcacac	cctccagagg	atgtacggct	300
gcgacgtggg	gccggacggg	cgcctctcc	cggggcataa	ccagtacgccc	tacgacggca	360
aggattacat	cgcctgaac	gaggacctgc	gctcctggac	cggcggac	acggcggctc	420
agatctcca	gcgcaagtgg	gaggccccc	gtgtggcgga	gcagctgaga	gcctacctgg	480
agggcgagtg	cgtggagtgg	ctccgcagat	acctggagaa	cggaaaggac	aagctggagc	540
gcgctg						546

<210> 896

<211> 822

<212> DNA

<213> Homo sapiens

<400> 896

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cgagtccgag	agaggagccg	cgggcgcgt	ggatagagca	ggagggccg	gagtattggg	180
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tgcgcggcta	ctacaaccag	agcgaggccg	ggtctcacac	cctccagagg	atgtacggct	300
gcgacgtggg	gccggacggg	cgcctctcc	cggggcataa	ccagtacgccc	tacgacggca	360
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tgagggtgtg	ggccctgggt	ttctaccctg	cgagatcac	actgacctgg	cagcgggatg	660
gcgaggacca	aactcaggac	actgagcttg	tggagaccag	accagcagga	gatagaacct	720
tccagaagtg	gacagctgtg	gtgtgcctt	ctggagaaga	gcagagatac	acatgccatg	780
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<210> 897

<211> 619

<212> DNA

<213> Homo sapiens

<400> 897

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cgcggggagc	cccgcttc	atccgtggac	acacccagtt	cgtgaggttc		180
gacagcgacg	cccgagatcc	gagagaggag	cggcggcgc	cgtggataga	gcaggagggg	240
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agcctgcgg	acctgcgcgg	ctactacaac	cagagcgagg	cgggtctca	caccctccag	360
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gcctacgacg	gcaaggatta	catgcctcg	aacgaggacc	tgcgctctg	gaccggcgcg	480
gacacggcg	ctcagatcac	ccagcgcaag	tggagggcg	cccggtggc	ggagcagcgg	540
agagctacc	tggagggcg	gtgcgtggag	tggctccgca	gatacctgg	gaacgggaag	600
gacaagctgg	agcgctgt					619

<210> 898

<211> 546

<212> DNA

<213> Homo sapiens

<400> 898

gctcccactc	catgaggtat	ttctacacct	ccgtgtcccg	gccggccgc	ggggagcccc	60
gcttcatctc	agtggctac	gtggacgaca	cccagtctgt	gagggtcgac	agcgacgccc	120
cgagtcggag	agaggagccg	cgggcgcgt	ggatagagca	ggagggccg	gagtattggg	180
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tgcgcggcta	ctacaaccag	agegaggccg	ggtctcacac	cctccagagc	atgtacggct	300
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aggattacat	cgcctgaac	gaggacctgc	gctctggac	cggcgcggac	acggcggctc	420
agatctcca	gwgcaagtt	gaggccccc	gtgtggcgg	gcagctgaga	gcctacctgg	480
aggcgcgtg	cgtggagtgg	ctccgcagat	acctggagaa	cgggaaggac	aagctggagc	540
gcgcgt						546

<210> 899

<211> 546

<212> DNA

<213> Homo sapiens

<400> 899

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gcttcatctc	agtggctac	gtggacgaca	cccagtctgt	gagggtcgac	agcgacgccc	120
cgagtcggag	agaggagccg	cgggcgcgt	ggatagagca	ggagggccg	gagtattggg	180
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agatctcca	gwgcaagtt	gaggccccc	gtgtggcgg	gcagctgaga	gcctacctgg	480
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gcgcgt						546

<210> 900

<211> 1017

<212> DNA

<213> Homo sapiens

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cgcggggagc	cccgcgtcat	caccgtggc	tacggtggac	acacgcgttt	ctgtgggtc	180	
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tacacatgc	atgtacagca	tgagggcgt	ccgaaggccc	tcaccctgag	atgggagcca	900	
tcttccact	ccaccatccc	catgtggc	attgttgctg	gcctggctgt	cctagcgtt	960	
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<210> 901

<211> 820

<212> DNA

<213> Homo sapiens

<400> 901

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ttcatcaccc	tggctacgt	ggacgacacg	ctgttcgtga	ggtcgacag	cgacgccacg	120
agtccgagga	aggagccgcg	ggcgcctatgg	atagagcagg	agggccgga	gtattggac	180
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ctccgtact	acaaccagag	cgaggccggg	tctcacactt	ggcagaggat	gtatggctgc	300
gacctggggc	ccgacccggc	cctccctccgc	gggtataacc	agtttagcta	cgacggcaag	360
gattacatcg	ccctgaacga	ggacctgac	tctggaccg	ccgcggacac	cgccgctcg	420
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gcggacccccc	caaagacaca	tgtgacccac	cacccatct	ctgaccatga	ggccacccctg	600
aggtgtggg	ccctgggctt	ctaccctgcg	gagatcacac	tgacctggca	gcgggatggc	660
gaggacccaa	ctcaggacac	cgagctgtg	gagaccagac	cagcaggaga	tagaaccttc	720
cagaagtggg	cagctgttgt	ggtccttct	ggagaagagc	agagatacac	atccatgt	780
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<210> 902

<211> 546

<212> DNA

<213> Homo sapiens

<400> 902

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cgagtccgag	gacggagccc	ccggcgccat	ggatagagca	ggaggggccc	gagtattggg	180
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agggcctgtg	cgtggagtgg	ctccgcagat	acctggagaa	cgggaaggag	acgctgcagc	540
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<210> 903

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 903

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cgcggggagc	cccgcttcat	caccgtggc	tacgtggacg	acacgtgtt	cgtgagggtt	180
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tacacatgcc	atgtacagca	tgagggctg	ccgaagcccc	tcaccctgag	atgggagcca	900
tctccca	ccaccatccc	catcgtggc	attgtgctg	gcctggctgt	cctagcgtt	960
gtggtcatcg	gagctgttgt	cgctactgt	atgtgttagga	ggaagagtc	aggtgga	1017

<210> 904

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 904

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tcttcccagt	ccaccatccc	catcgtggc	atttgtgctg	gcctggctgt	cctagcagtt	960
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<210> 905

<211> 546

<212> DNA

<213> Homo sapiens

<400> 905

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cgtcccgag	gaaggagccg	ccggcgccat	ggatagagca	ggagggggcgg	gagtattggg	180
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gcgacgtggg	gccccacggg	ccgcctctcc	cggggtataa	ccagttagcc	tacgacggca	360
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<210> 906

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 906

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<210> 907
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<212> DNA
<213> Homo sapiens

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<210> 908
<211> 546
<212> DNA
<213> Homo sapiens

<400> 908	
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<210> 909
<211> 546
<212> DNA
<213> Homo sapiens

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<210> 910
<211> 1012
<212> DNA
<213> Homo sapiens

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<210> 911
<211> 1017
<212> DNA
<213> Homo sapiens

<400> 911						
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<210> 912
<211> 1017
<212> DNA

<213> Homo sapiens

<400> 912

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<210> 913

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 913

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<210> 914

<211> 1017

<212> DNA

<213> Homo sapiens

<400> 914

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<212> DNA
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<210> 916
<211> 546
<212> DNA
<213> Homo sapiens

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<210> 917
<211> 546
<212> DNA
<213> Homo sapiens

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<210> 918

<211> 1017

<212> DNA

<213> Homo sapiens

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<210> 919

<211> 546

<212> DNA

<213> Homo sapiens

<400> 919

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<210> 920

<211> 677

<212> DNA

<213> Homo sapiens

<400> 920

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<210> 921

<211> 546

<212> DNA

<213> Homo sapiens

<400> 921

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<210> 922

<211> 546

<212> DNA

<213> Homo sapiens

<400> 922

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<210> 923

<211> 546

<212> DNA

<213> Homo sapiens

<400> 923

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 cgagtcccgag gacggagccc cggggccat ggatagagca ggagggggccg gagtattggg 180
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gcgacgtgg gccggacggg cgccctcgc	360
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gctcctggac cgccggac accggggctc	480
agatcacca ggcgaagtgg gagggcccc	540
gtgaggcgga gcagctgaga gcctacctgg	546
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<210> 924

<211> 546

<212> DNA

<213> Homo sapiens

<400> 924

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cgagtcggag gacggagccc cggcgccat	300
ggatagagca ggagggcccg gagtattggg	360
accggAACAC acagatctc aagaccaaca	420
cacagactta ccgagagaac ctgcggatcg	480
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<210> 925

<211> 546

<212> DNA

<213> Homo sapiens

<400> 925

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cccagttcgat gaggttcgac akgacgccc	240
cgagtcggag gacggagccc cggcgccat	300
ggatagagca ggagggcccg gagtattggg	360
accggAACAC acagatctc aagaccaaca	420
cacagactta ccgagagaac ctgcggatcg	480
cgctccgcta ctacaaccag agcgaggccg	540
ggtctcacac ttggcagacg atgtatggct	546
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<210> 926

<211> 546

<212> DNA

<213> Homo sapiens

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cccagttcgat gaggttcgac akgacgccc	240
cgagtcggag gacggagccc cggcgccat	300
ggatagagca ggagggcccg gagtattggg	360
accggAACAC acagatctc aagaccaaca	420
cacagactta ccgagagaac ctgcggatcg	480
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<212> DNA
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gcgcgg 546

<210> 928
<211> 546
<212> DNA
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agatcaccca ggcgaagtgg gaggccccc gtgaggcggg gcaagtgaga gcctacctgg 480
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gcgcgg 546

<210> 929
<211> 546
<212> DNA
<213> Homo sapiens

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accggaacac acagatctc aagaccaaca cacagactta ccgagagaac ctgcggatcg 240
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gcgacgtggg gccggacggg cgctcctcc cggggataaa ccagtagcc tacgacggca 360
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agatcaccca ggcgaagtgg gaggccccc gtgaggcggg gcaagtgaga acctacctgg 480
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gcgcgg 546

<210> 930
<211> 546
<212> DNA
<213> Homo sapiens

<400> 930

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cgctccgcta	ctacaaccag	agcgaggccg	ggtctcacac	ttggcagacg	atgtatggct	300
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agatcaccca	gcgcaagtgg	gaggcggccc	gtgtggcgg	gcaggacaga	gcctacctgg	480
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<210> 931

<211> 546

<212> DNA

<213> Homo sapiens

<400> 931

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cgagtccgag	gacggagccc	cggcgccat	ggatagagca	ggaggggccc	gagtattggg	180
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aagattacat	cgcctgaac	gaggacctga	gctcctggac	cgcggccggac	accgcggctc	420
agatcaccca	gcgcaagtgg	gaggcggccc	gtgaggcgg	gcagctgaga	gcctacctgg	480
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<210> 932

<211> 546

<212> DNA

<213> Homo sapiens

<400> 932

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cgagtccgag	gacggagccc	cggcgccat	ggatagagca	ggaggggccc	gagtattggg	180
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cgctccgcta	ctacaaccag	agcgaggccg	ggtctcacac	ttggcagacg	atgtatggct	300
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aagattacat	cgcctgaac	gaggacctga	gctcctggac	cgcggccggac	accgcggctc	420
agatcaccca	gcgcaagtgg	gaggcggccc	gtgaggcgg	gcagctgaga	gcctacctgg	480
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<210> 933

<211> 546

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<213> Homo sapiens

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cgctccgcta	ctacaaccag	agcgaggccg	ggtctcacac	ttggcagacg	atgtatggct	300